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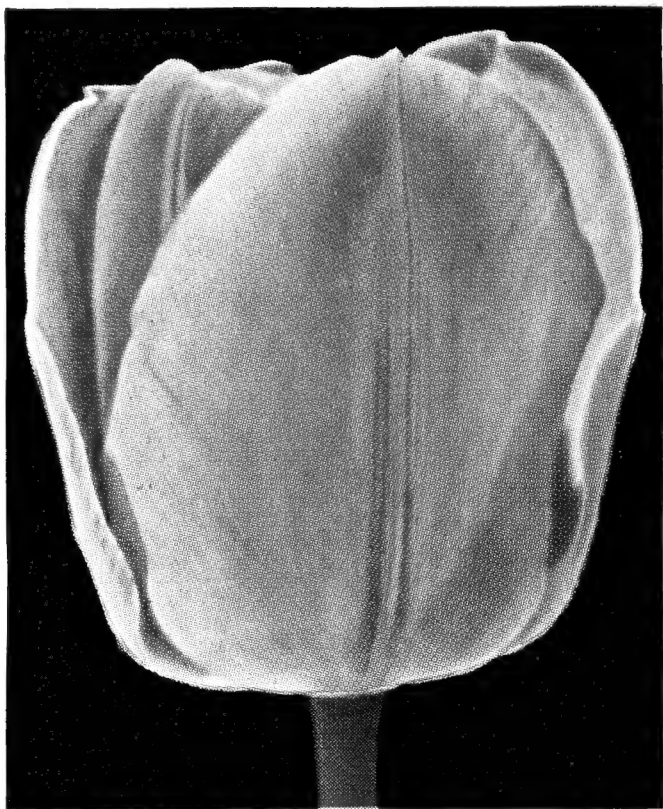
# Dutch Hardy **BULBS and PLANTS**



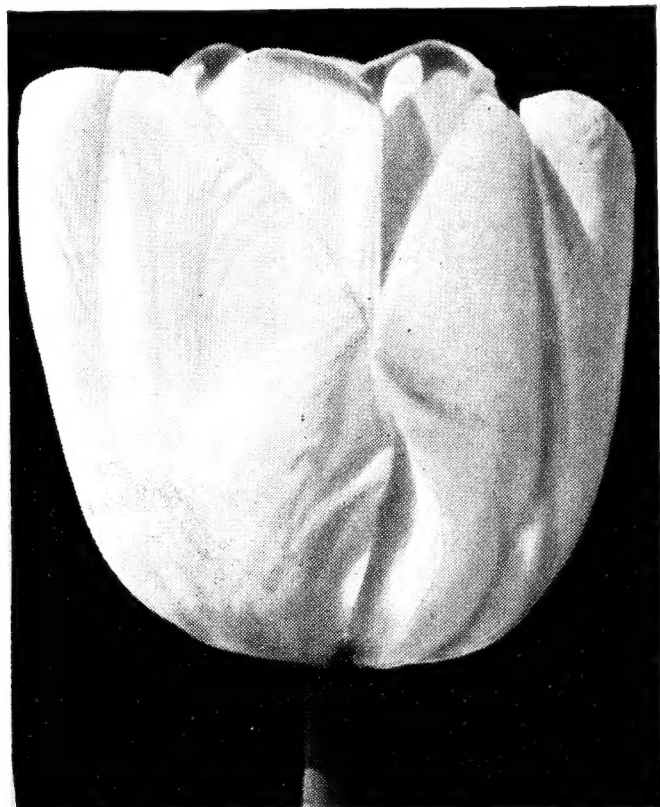
*Darwin Tulip*  
Yellow Giant

*Autumn Planting*  
1936

*The* **WAYSIDE**  **GARDENS CO.**  
**Mentor Ohio**



*Ideal Darwin Tulip*  
**Benjamin Franklin**  
See page 7.

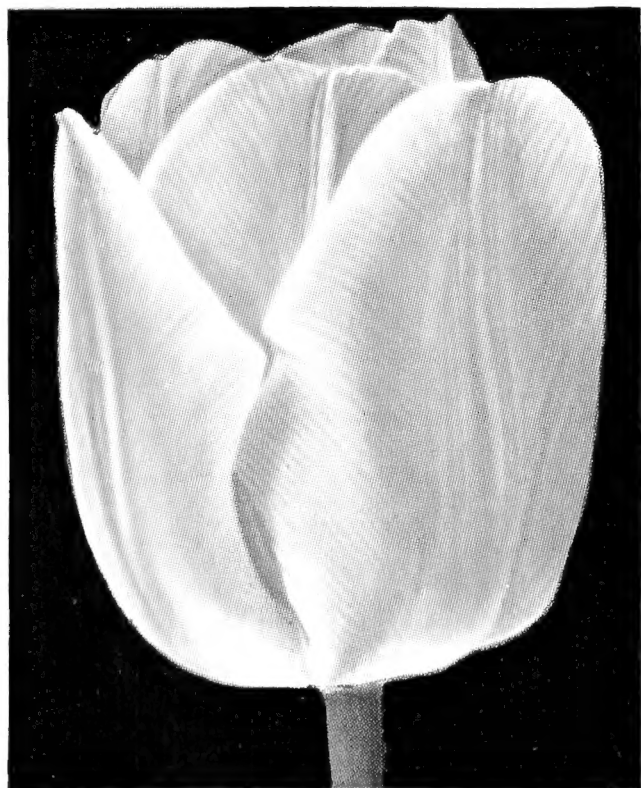


*Ideal Darwin Tulip*  
**White Emperor**  
See page 10.

*"Ideal"*  
*Darwin Tulips*  
*have*  
*Sparkling Colors*

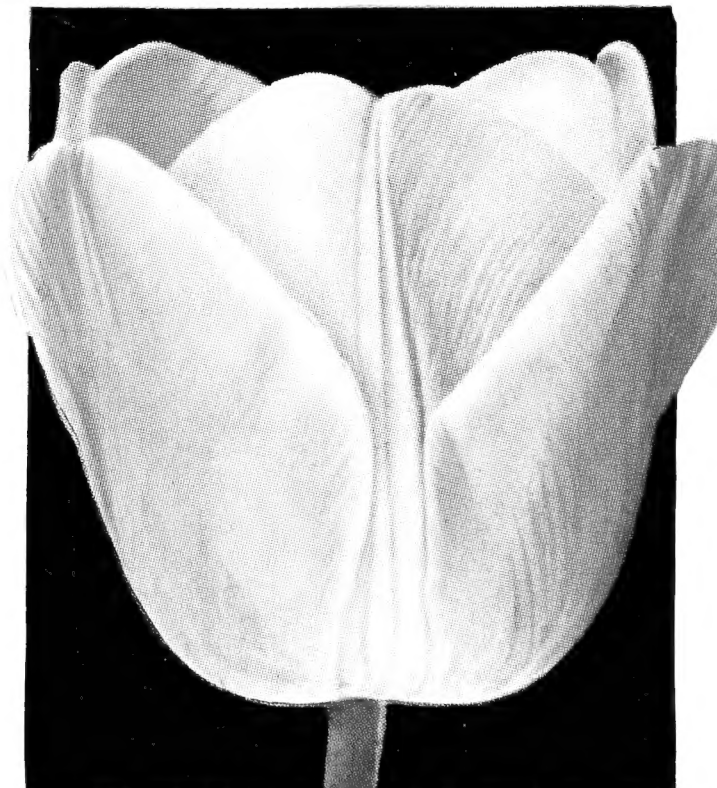


*"Ideal"*  
*Darwin Tulips*  
*Last*  
*Much Longer*



*Ideal Darwin Tulip*  
**La France**  
See page 8.

*Ideal Darwin Tulip*  
**Gloria Swanson**  
See page 7.



*Ideal Darwin Tulip*  
**Mermaid**  
See page 9.

# The Time to Plant

ONE of the most often asked questions is: When is the right time to plant, the Autumn or the Spring? The answer to this question depends entirely on the material to be planted, the location it is to be planted in, and the time when the question is asked.

The Autumn is the better time to handle all plant material of unquestioned hardiness. Many rock plants especially do better if planted early in the Autumn. Most all bloom early in the Spring. Therefore, when late Spring planting is attempted, losses usually occur or there is an unsightly spot in the rockery or border caused by spoiled blossoms. In the Fall, weather and soil conditions, as a rule, are better than in the early Spring. A little covering of excelsior or clean dry straw is all the Winter protection required.

Here are a few planting suggestions:

**Plant Alpine and Herbaceous Plants from September 1st to November 1st. Roses from October 15th to December 1st. Peonies, German and Japanese Iris from September 1st to frost. Oriental Poppies from August 15th to October 15th. Dutch Bulbs from October 1st until ground is frozen. Lilies immediately when received.**

Always remember that the best time to transplant any hardy plant or rock plant is when it is dormant. Most all rock plants are dormant in our country early in September immediately after the hottest and driest days of the Summer are over. Transplant them just before they commence their new Fall growth. It is our practice to ship no plants or bulbs except at the season when they will give best results. If you lack experience, order early and leave the responsibility of shipping with us.

Every order in the Autumn is carefully examined, material and location carefully considered, and shipment is made only of such material as can be transplanted in that part of the country at that particular time, the balance is carried over by us and sent to you in the Spring. This work of examining is not left to employees; it is done by a responsible official of the company. It is part of our service to our customers.

Do not let the first light frost in the Fall stop your garden operations. Light frosts are a help rather than a hindrance.





# That Matter of Quality

The enviable reputation we enjoy is known to most gardeners. It is constantly strived for by giving faithful service and sending faultless quality.

Quality perhaps is the most important of the two and happily we can do more than most in that respect, because the secretary of our company is a member of the firm of Grullemans in Holland, internationally known as the finest growers of bulbs, whose early business years were spent with that firm, obtaining an intimate knowledge about bulbs, an opportunity which does not present itself to the average American importer who consequently is not as well informed.

To say we import and sell only the "cream of the crop" seems superfluous. We do, and when you deal with Wayside Gardens you get not that alone, but also dependableness and a sincere desire to serve.

## Guarantee

We guarantee every bulb we send out to be in first class condition in every respect, of top size, and true to name. We further guarantee that all will bloom for you if you will give them reasonable care and carry out our cultural instructions which are enclosed with every order. Your money will be refunded or new bulbs sent if they do not come up to our claims or your expectations.

We guarantee safe arrival to all points within the United States, and upon your notice will replace immediately any damaged bulbs at our expense.

A like guarantee is, we believe, not made by any other firm in America. It is only possible because the bulbs we sell are the choicest money can buy and are imported from the best and most critical grower in the world.

**All Bulbs and Seeds are Delivered Free**



LEONARD BARRON  
Horticultural Editor of Country Life  
and American Home



ALFRED C. HOTTES  
Former Horticultural Editor of  
Better Homes and Gardens



RICHARDSON WRIGHT  
Editor-in-Chief of House and Garden

## Three Personal Letters From Editors of Outstanding Magazines About Wayside's Ideal Darwins

### Leonard Barron's First Letter

It is rather hard for me to control my wild enthusiasm for the Ideal Tulips. I think they are just the finest things that can be put into the garden. The flowers are large, have all the character, dignity and sturdiness of the Darwins; in fact, they look like Darwins except (and here is the great point) that the colors are clear and gay. That is really the great charm of the Ideals. I had almost come to the conclusion that Tulips did not really reflect the spirit of spring in the garden but the Ideals have changed that thought. My garden this season was just dancing with gayety. I have an underlying feeling that is growing very strongly in my mind that the spring garden should have a light and ethereal quality. You know, Wordsworth wrote about one's soul "dancing with the daffodils," and I think he just caught the exact emotional feeling that we get from the daffodils in the garden. That is why people like daffodils. The Tulips have lacked that gayety, hitherto.

Garden City,  
June 7, 1934.

Horticultural Editor.

### Richardson Wright's Letter

For several years now the "Ideal Darwin" Tulips have made a most gallant and brilliant display in my garden. They possess sturdy substance that leaves nothing to be desired. Their color range is so generous that both in massed plantings and in shoals through the herbaceous border all manner of subtle and striking combinations can be made. They are a garden investment that pays high premiums of beauty.

Faithfully yours,

New York,  
March 22, 1936.

### Leonard Barron's Second Letter

Further study of and experiment with the Ideal Darwin Tulips merely adds weight to the conviction already expressed; that they do form a really ideal group in that splendid family of bulbs. Their bright colors, their cheerful bearing and, yes, their real gayety in the garden, make them delightfully welcome.

The Ideal Darwins have, indeed, made my garden much more joyous in Tulip time.

Yours faithfully,

Garden City,  
June 12, 1935.

Horticultural Editor.

### Alfred Hottes' Letter

For several years now I have been looking forward to mentioning the Ideal Darwin Tulips to my friends. These have always been so expensive that only the fancier could grow them. Now that they are within the means of the garden lovers of the country, they will no doubt dominate their spring gardens.

While the ordinary Darwin Tulips are hardly in bud, these Ideal Tulips will be in full bloom a week earlier and last until the others are faded.

It is remarkable how much clearer the colors are in this new group of Tulips. I am looking forward to seeing a number of new varieties which I have planted. The descriptions of them were so fascinating that I can hardly wait for spring to come.

Sincerely yours,

Des Moines,  
March 10, 1936.

Associate Editor.





**WAYSIDE**

## Delicately Shaded TULIPS a collection of 10 New Varieties

Are you fond of delicate, clear colors in the garden, tones which blend and shade softly into each other. So many people are; therefore, this choice collection. The colors, though soft, are clear and sparkling. The varieties used in this group bloom at the same time—grow to a height of about 28 inches, and the flowers are substantial and large. It would be exceedingly difficult to improve on this selection. It contains only the best and most admired varieties of recent introduction.

**Helen Wills**  
Lavender-Blue

**Insurpassable**  
Orchid-Lavender

**Muriel**  
Soft Violet

**Kriemhilde**  
White

**Salome**  
Pale Yellow and Pink

**Eunice**  
Rose

**Queen of Spain**  
Cream Flushed with Pink

**Golden Harvest**  
Deep Lemon-Yellow

**Starlight**  
Pabst Yellow

**Golden West**  
Soft Orange

## The Most Beautiful TULIPS

available today  
a collection of 12 varieties

A good friend of Wayside Gardens, a most particular gardener, instructed us, two years ago, to import for him twelve bulbs each of the twelve finest and most beautiful Tulips available. He has a small garden but it is planted with only the choicest and newest things. It, therefore, was up to us. Apparently we made good: he came and reported that never before a collection as choice flowered in any American garden, and urged we offer these same varieties to other enthusiasts and people who can use only small quantities, but insist on the best.

The world moves, varieties come and go, but it will be a very, very long time before this selection can be improved upon. To possess and grow these is to possess the jewels among Tulips. As you know, we are not given to superlatives, but frankly, we enthuse over these varieties.

### The 12

**Mongolia.** Magnificent chambray-yellow. Giant flower.

**Admiral Tromp.** Orange tones. Marvelously blended.

**Queen of England.** The loveliest pink in existence.

**Wayside's Wonder.** A chameleon changing its color from day to day. Deep rose tones.

**Glacier.** Purest snow-white. Perfect form.

**King Mauve.** Delicate lavender tints. Exceedingly beautiful.

**Jessey.** The glorified Louis XIV. Purple bronze and gold.

**Niphetos.** Pale moon-light yellow. Lovely form.

**Grullemans' Giant.** The glorified Afterglow. A study in sunset tints.

**Augustus.** Deep dull gray-red with purple flush. A perfect giant.

**Golden Statue.** Glittering pure gold.

**Mahogany.** Magnificent mahogany-red-brown.

### PRICES

No. 1 Special Collection

36 Bulbs—3 of each kind.

Each variety carefully packed and labeled.

Price \$12.00

No. 2 Special Collection

144 Bulbs—12 of each kind.

Each variety carefully packed and labeled.

Price \$48.00

### PRICES

No. 9 Special Collection

120 Bulbs—12 of each kind.

Each variety carefully packed and labeled.

Price \$18.00

No. 10 Special Collection

250 Bulbs—25 of each kind.

Each variety carefully packed and labeled.

Price \$35.00

No. 11 Special Collection

500 Bulbs—50 of each kind.

Each variety carefully packed and labeled.

Price \$68.00

### PRICES

No. 12 Special Collection

120 Bulbs—12 of each kind.

Each variety carefully packed and labeled.

Price \$13.00

No. 13 Special Collection

250 Bulbs—25 of each kind.

Each variety carefully packed and labeled.

Price \$25.00

No. 14 Special Collection

500 Bulbs—50 of each kind.

Each variety carefully packed and labeled.

Price \$49.00

## Strong Colored TULIPS

a collection of 10  
New Varieties

Here is a collection entirely made up of strong and contrasting colors. The varieties have been chosen to provide colors which match perfectly but are strong and rich in tone. This group has special appeal for men, and is excellently suited for planting at distant points from the house.

The varieties used are quite new and absolutely the best of their kind. Black Eagle creates a sensation whenever shown. Plant it adjoining White Giant. They are tall growing, about 28 inches. The flowers are large, and in bloom at the same time. It is practically impossible to improve a selection such as this.

**Dillenburg**  
Orange

**Reve d'Or**  
Gold

**Princess Mary**  
Pink

**White Giant**  
White

**Eclipse**  
Scarlet

**Indian Chief**  
Bronze

**Yellow Giant**  
Yellow

**Margaux**  
Wine-Red

**Scotch Lassie**  
Deep Lavender

**Black Eagle**  
Velvety Purple

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges





## Ideal Darwin Collection

**Ten moderately priced varieties which received the greatest number of votes**

In our test garden are planted each year several hundred varieties of new Tulips. In one particular location in this garden we showed for three consecutive years a group of Ideal Darwin Tulips of which a goodly number of bulbs are now available and therefore, moderately priced. We asked the hundreds of visitors to these yearly exhibits to select 15 varieties they liked best in this group. From their selection we have taken the 10 best varieties for this collection.

We took only 10 because we wanted this collection to be complete in color range, the stems all of the same height and, of course, they should bloom all at the same time. It is a beautiful collection of well matched colors. The two red varieties are subdued, the red blending splendidly with the white, pale yellow and lavender tones.

### Rose and Pink Shades

Mermaid  
Cherry-Pink  
Chameleon  
La France

### Lavender and Orchid Shades

Mrs. Mandel  
Benjamin Franklin

### Red Shades

Gloria Swanson  
Bella Donna

### White

White Emperor

### Pale Yellow

Lord Lambourne

## TULIPS

**that have made good for more than 20 years a collection of 20 varieties**

Hundreds of customers each fall say to us: "I want you to recommend me a collection of Tulips which does not cost much but all the varieties must be good, and I want them to be 100% reliable."

Our answer to that request is this selection. Here are the reasons. All have made good for more than 20 years. The color range is complete and harmonious. All bloom at the same time and are substantially all of the same height. Each kind represents the best in its color at the price, and what means something to us is they'll be a credit to Wayside Gardens as well as a joy to you! All will last for many years with reasonable care.

### Orange and Apricot shades

Dido  
Grenadier  
Afterglow

### Pink, Pointed Petals

Picotee  
Sirene

### White

White City

### Purple and Gold

Louis XIV

### Pink and Rose shades

Clara Butt  
Princess Elizabeth  
Venus

### Lavender and Purple shades

Rev. H. Ewbank  
The Bishop  
Paul Baudry  
Bacchus

### Yellow shades

Inglescombe Yellow  
Moonlight  
Mrs. Moon

### Red and Scarlet shades

Farncombe Sanders  
King Harold  
Pride of Haarlem  
Scarlet Beauty

## PRICES

### No. 3 Special Collection

100 Bulbs—5 of each kind.

Each variety carefully packed and labeled.

Price \$5.75

### No. 4 Special Collection

200 Bulbs—10 of each kind.

Each variety carefully packed and labeled.

Price \$11.00

### No. 5 Special Collection

1000 Bulbs—50 of each kind.

Each variety carefully packed and labeled.

Price \$53.00

## PRICES

### No. 6 Special Collection

120 Bulbs—12 of each kind.

Each variety carefully packed and labeled.

Price \$11.00

### No. 7 Special Collection

250 Bulbs—25 of each kind.

Each variety carefully packed and labeled.

Price \$20.00

### No. 8 Special Collection

500 Bulbs—50 of each kind.

Each variety carefully packed and labeled.

Price \$40.00

**Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges**

## Un-named Tulips for Cutting

**A selection of varieties with long stems**

illustrated on page 17

So that you may be able to have plenty of Tulip flowers to cut from your own garden, we have arranged with our grower in Holland a selection of large-flowering Tulips with long stems suitable for cutting. Instead of going to the extra expense of keeping the varieties separate, we have instructed him not to do so. Great care will be taken to see to it that each package contains the greatest variety possible in harmonious colors. There will be Darwin Tulips, Cottage Tulips, Breeder Tulips, and Lily-Flowered Tulips in the mixture. All will be long-stemmed varieties excellently suited for cutting, anyone who simply wants a few Tulips for a bright spot in the garden could not possibly do as well anywhere at any price. Sold in quantities of not less than 50 bulbs in original package.

## PRICES

### 50 Top Size Bulbs

Unnamed Tulips for cutting

Price \$3.00

### 100 Top Size Bulbs

Unnamed Tulips for cutting

Price \$5.75

### 250 Top Size Bulbs

Unnamed Tulips for cutting

Price \$14.00

### 1000 Top Size Bulbs

Unnamed Tulips for cutting

Price \$52.00

## Botanical Tulips A Collection of Ten Varieties

They do best in dry, warm places. In the rock garden planted between Sedums and other low growing plants they are very attractive and perfectly at home.

Acuminata  
Australis  
Chrysantha

Clusiana  
Eichleri  
Hageri  
Kaufmanniana

Marjoletti  
Praestans  
Sylvestris

50 Botanical Tulips in 10 varieties—5 bulbs of each kind—packed separately and labeled—for .....\$4.50

100 Botanical Tulips in 10 varieties—10 bulbs of each kind—packed separately and labeled—for .....\$8.50





# Wayside Gardens



## Bulbs From Holland

### *Chameleon Tulips*

Everyone knows the Cottage Tulip Picotee and is familiar with its habit of changing from white to pink and rose as the flower ages.

The bloom of Picotee is rather small and its stem weak. By crossing and careful selecting there finally has been created the Chameleon Tulips. In form and strength they may be compared with the Darwin Tulip. But the fascinating changing of color from day to day has been retained and improved upon. Chameleon Tulips are offered on page 21. Include some in your collections this year and observe white. Tulips change to pink and rose in a few days.

### *Chinese Lantern Tulips*

#### *Especially Suited for Southern Gardens*

Gorgeously colored globe-shaped Tulips which begin blooming when the Darwin Tulips are just about over. The flowers are of good size and richly colored in magnificent pastel shades of salmon-pink, orange and peach, reflecting all the glorious shades of a sunset. When fully in bloom they resemble lighted Chinese lanterns. A point particularly in their favor is the splendid results they give in southern gardens where other Tulips often do not do well. They are offered in many choice varieties on page 15.

### *Multiflower Tulips*

Bunch-Flowered Tulips as they are frequently called produce from 4 to 6 flowers on one stem. For cutting this type is most satisfactory because it requires only 6 stems to fill a vase to overflowing. In habit and form they resemble the Hybrid Cottage Tulip, many lovely shades are found amongst them. They multiply freely and last a long time under reasonable care, are listed on page 20.

### *New Giant Breeder Tulips*

Within the very near future we are afraid most of us will have to revise our idea about the size of Tulips. The Giant Breeders, when grown on reasonably good garden soil, will often reach a height of over 30 inches. The blooms are of enormous size carried boldly on stiff stems giving a most impressive and dignified effect in the garden. In our test garden they always create somewhat of a sensation. Their colors are rich but subdued, reminding one of rare old woods, old tapestries, and old gold. For pure dignity they are unequalled! Reve d'Or, Rayon d'Or, Dillenburg, Jessey, Thos. Stephenson, Augustus, are but a few. Golden Goblet was so popular along with the New Giant Breeders we could not fill all our orders last year.

### *The New Ideal Darwin Tulips*

This strain or group of Darwin Tulips is the result of very skillful breeding. Through the reintroductions of the Wild Tulip blood, a new strain was developed with much greater strength than the old-fashioned Darwin Tulips possessed. The colors are sparkling and brilliantly clear. The dull, uninteresting flat tones and shadings so prevalent in the old Darwin Tulips are completely removed in the "Ideal Darwins."

Furthermore, this group contains many new shades such as yellow and also a fine lot of pure white varieties—these colors heretofore have not been obtainable in Darwins. The "Ideal Darwins" begin flowering from 4 to 5 days before the old Darwins, and these new varieties are in perfect condition when the old Darwins are fading or have gone. The flowers of the Ideal Darwins in most instances are 25 per cent to 30 per cent larger than the ordinary Darwin Tulips. Their strength of stem, rich, yet delicate clearness and brilliancy of color as well as the substance of the flower petals which seem to defy the hottest weather, makes this group one of the most worthwhile contributions to your spring garden.

If you have misplaced our illustrated bulb catalog mailed early in May, we will gladly send you another copy upon request.





# The New Ideal Darwin Tulips

With the exception of perhaps a dozen varieties which are still too expensive and of which there are not yet sufficient bulbs available, you will find here the entire group of Ideal Darwin Tulips!

Three years ago we were asked by the originators, Grullemans of Holland, to introduce this much improved form of Darwins. So popular have they become we could not fill some of the late orders received in 1935.

The number of available bulbs in many cases is limited. It will, therefore, be necessary that orders be placed with the least possible delay.

No one in this country is able to offer you as many of these choice "Ideal Darwin" Tulips as are offered here because contracts have been made as long as three years ago with this firm for the entire output of most of these varieties.

We want all our customers to plant Ideal Darwin Tulips this year because they are so much better and if you do and are interested in exhibiting your blooms at shows, you'll be sure of the biggest prizes or awards. This is not idle boasting because for the past two years the Ideal Darwin Tulips took the highest prizes at the New York as well as the London (England) Flower Shows.

**\*Adoration.** \$2.75 per 12; \$18.50 per 100.  
A splendid improvement on the old favorite Princess Elizabeth. Strong, large flower of exceptional substance. The color is a clear brilliant pink with lighter edges and white base. Height 29 in. (Color illustration, page 17).

**Al Jolson.** \$1.15 per 12; \$8.25 per 100.  
Beautiful American Beauty red with broad, lighter edge on outside of petals; inside a glittering scarlet, with blue center; a well shaped flower borne on erect stem. A great improvement over Darwin Tulip Pride of Haarlem. Height 26 inches.

**\*America.** \$1.75 per 12; \$12.00 per 100.  
A magnificent bold flower of richest mahogany or chestnut. No one objecting to red need omit this from the garden. Unquestionably the best and largest flower of this shade. Very handsome planted with White Giant. Height 28 inches. (Color illustration, page 12).

**Annie Speelman.** \$4.00 per 12; \$30.00 per 100.  
A tremendous white Tulip with white base and anthers. The flower is oval-shaped and of remarkable texture. A beautiful garden Tulip of great substance. Will last from 2 to 3 weeks, when cut the flower does not open too wide when placed in a warm room. Straight, stiff stem. Height 30 inches.

**Avalon.** \$1.25 per 12; \$9.00 per 100.  
A pure white Tulip with black anthers. Our trials during 1929-34 in New York, Chicago, Montreal and Cleveland gardens have proved this to be a very large flower of good substance with tall and strong stem. Highly recommended. Height 29 inches.

**\*Bella Donna.** \$1.35 per 12; \$9.50 per 100.  
Lovely crimson-red with greenish blue center. Of ideal form, very large and very substantial flower, which is carried on a strong stem. Height 28 inches. (Color illustration, page 17).

**\*Benjamin Franklin.** \$1.15 per 12; \$8.25 per 100.  
A lovely pure lavender Tulip of perfect form; we recommend this variety for bedding. The flowers are carried on a stiff and strong stem and have great lasting qualities. Height 27 inches. (Color illustration, page 6).

**\*Blue Danube.** \$1.35 per 12; \$9.50 per 100.  
Fine dark purple with grayish flush, inside purplish blue with blue and white center. Large flower of great substance. Height 29 in.

**Bourgogne.** \$6.00 per 12; \$45.00 per 100.  
A lovely burgundy red flower of great beauty, dark blue center. A wonderful variety with large, graceful flower on strong, erect stem. Does extremely well in hot weather. Height 30 inches. (Color illustration, page 6).

**\*Camellia.** \$1.35 per 12; \$9.50 per 100.  
A lovely satiny rose-pink flower of great beauty; large, white base, oval-shaped, on strong stem. Highly recommended. It is far superior to Princess Elizabeth. Height 27 inches.

**Caroline Testout.** \$4.00 per 12; \$30.00 per 100.  
We named this variety after the well known rose Caroline Testout, the color of this Tulip is even more beautiful; of perfect shape, it has exceptional lasting qualities; a soft, glistening pure pink with a large, white base. Should be used for the show garden. A Tulip with a great future and to date the loveliest pink Tulip in existence. Height 30 inches. (Color illustration, page 12).

**\*Cherry Pink.** \$1.15 per 12; \$8.25 per 100.  
Bright cherry-pink, flowers are shaped like a rosebud, delicately edged white, center blue and white. Height 30 inches.

**\*Colleen Moore.** \$1.35 per 12; \$9.50 per 100.  
Vermilion-red, inside glowing orange with yellow center. The effect is a magnificent brilliant fiery orange when the flower is fully open. The blossom is large and strong, carried on a strong, stiff, wiry stem. Height 26 inches.

**Cote d'Azur.** \$6.00 per 12; \$45.00 per 100.  
An exquisite novelty of a glorious lavender-blue with large white base. The finest Tulip in this color. The flowers turn heavenly-blue with age and become constantly larger. When starting to flower the blooms are not large but very dainty. We fully recommend it to every amateur. Height 26 inches. (Color illustration, page 6).

**Crimson Glow.** \$1.95 per 12; \$13.00 per 100.  
A fine orange-crimson variety with delicate border of salmon-orange, which becomes more distinct as the flower ages. A unique, distinct, and beautiful new color not yet found among Darwins. Height 27 inches.

**\*Duke of Wellington.** \$1.65 per 12; \$11.50 per 100.  
A delightful pure white flower of great beauty and substance, white anthers and pure white base, is carried on a stiff stem. Highly recommended. Height 25 inches.

**Enchantress.** \$1.95 per 12; \$13.00 per 100.  
Its bloom is of the richest rosy red to deep rose edged with a broad band of pink. When open, a dark blue base adds to its charm. The flower is of great substance, large and well formed. Height 28 inches.

**\*Foam.** \$1.05 per 12; \$7.50 per 100.  
Large; of purest white and perfect form; white base and black anthers. This Tulip has tremendous lasting qualities, very thick flower petals and not too heavy stem. Height 24 inches.

**Glacier.** \$4.00 per 12; \$30.00 per 100.  
A giant among pure white Tulips, white base and white anthers. Tremendous oval-shaped flower of great substance, does not open as wide as most other Tulips do when placed in a warm room. Will last three weeks in the garden or when cut; we do not know of another Tulip its size. Some of the flower petals measure 6 inches in length. This Tulip is a gem in any collection. Sturdy, straight stem. Highly recommended. Height 30 inches.

**\*Gloria Swanson.** \$1.15 per 12; \$8.25 per 100.  
An enormous crimson-red flower, with bluish base. We do not believe that a larger and stronger Tulip in this color has ever been raised. Very strong stem, flower has great lasting qualities. This really is a giant and an excellent variety. Height 32 inches. (Color illustration, page 11).

**\*Grullemans' Giant.** \$4.00 per 12; \$30.00 per 100.  
Intensely brilliant salmon-orange, with broad, dark orange border and showing a great deal of orange inside the bloom. Giant cup-shaped flower with slightly reflexing outer petals of great substance. It is beautiful in the garden, reminding one of a much improved Afterglow. Erect, strong stem. Height 30 inches.

**Gwen Lee.** \$2.15 per 12; \$14.00 per 100.  
A most attractive lavender variety vastly superior to Rev. H. Ewbank. It is excellent for the garden and also fine for forcing. Stem is strong and 28 inches high. Flowers very substantial and long lasting.

**Helen Gahagan.** \$4.00 per 12; \$30.00 per 100.  
A delightful sulphur-yellow Tulip, inside dark lemon-yellow with yellow anthers; it will turn to creamy white when planted in the garden. Excellent for exhibition purposes. Large, oblong flower which is carried on a stiff, tall stem. Highly recommended. Height 30 inches.

**Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges**



(Above) Ideal Darwin, Margaux

(Below) Ideal Darwin, Adoration



## New Ideal Darwin Tulips—Continued.

- \*Helen Wills.** \$1.35 per 12; \$9.50 per 100.  
Dainty rosy lilac, flushed blue, bluish white base. Large flower of perfect form, is far superior to all Tulips known in this shade. Highly recommended. Height 27 inches. (Color illustration, page 12).
- \*Héliotrope.** \$1.15 per 12; \$8.25 per 100.  
A delightful flower of clear heliotrope color. Height 26 inches. (Color illustration, page 5).
- Humming Bird.** \$4.75 per 12; \$35.00 per 100.  
A great improvement over The Bishop. Without doubt this is the loveliest of the violet Tulips. Nothing so far equals it. The color is pure and vibrates with life. The substance of the bloom is unusual. Height 30 inches. (Color illustration, page 6).
- Imperator.** \$6.00 per 12; \$45.00 per 100.  
A giant blood-red flower with dark blue center, which is carried on a tall, strong stem with extremely substantial flower petals. Highly recommended. Height 28 inches.
- Impressive.** \$4.75 per 12; \$35.00 per 100.  
A magnificent variety. The name expresses its appearance perfectly. The stiff stem is 33 inches tall topped with a larger fine bright crimson flower with blue base.
- Insurpassable.** \$2.45 per 12; \$17.00 per 100.  
A mammoth lilac Tulip, flower is of great substance and carried on a tall and strong stem. This is a great improvement on the well known Darwin Tulip, Wm. Copland, as the flower is at least three times larger and of a far better color. Highly recommended. Height 28 inches. (Color illustration, page 5).
- \*King White.** \$1.35 per 12; \$9.50 per 100.  
A perfect pure white flower, white base, anthers black. Finely formed and carried on sturdy stem. Height 25 inches.
- \*Kriemhilde.** \$1.65 per 12; \$11.50 per 100.  
A very delicate creamy white flower with white base and anthers and very thick flower petals. Graceful, oval-shaped flower on erect stem. Early blooming, with great lasting qualities. Height 28 inches. (Color illustration, page 11).
- \*Lady Hillingdon.** \$3.85 per 12; \$28.00 per 100.  
This variety has been named after the rose it resembles in color. When flowering outside it is orange shaded buff, a color not found among the Darwins; when forced it is bright orange and a large and most beautiful Tulip. The flower is carried on a thin, wiry stem. Height 27 inches. (Color illustration, page 12).
- \*La France.** \$1.35 per 12; \$9.50 per 100.  
A self-colored bright rose-pink Tulip of great beauty; white base. Large and strong flower on stiff stem. Highly recommended. Height 28 inches. (Color illustration, page 11).
- \*La Tosca.** \$3.50 per 12; \$25.00 per 100.  
Large, creamy yellow, egg-shaped flower with a darker yellow edge, turning sulphur-white when in full bloom; yellow base. Strong growing plant; flowers are carried on tall, stiff stems. A Tulip of delicate beauty. Height 27 inches. (Color illustration, page 5).
- \*Lilac Wonder.** \$1.25 per 12; \$9.00 per 100.  
A color which up to now has not been shown in any Tulip, the flower is porcelain lilac with a white center and borne on a stiff stem. Height 25 inches. (Color illustration, page 11).
- \*Lord Lambourne.** \$1.65 per 12; \$11.50 per 100.  
Strikingly graceful flower of perfect form on an erect stem of splendid lasting qualities. Color is best described as a delicate pale yellow with a creamy white base, golden yellow anthers. A lovely variety. Height 28 inches. (Color illustration, page 17).
- Love Dream.** \$2.15 per 12; \$14.00 per 100.  
Soft rosy pink shaded buff with broadly edged light rose on the outside of flower petals, inside light rose. Substantial flower. Height 26 inches.
- Lord Percy.** \$1.15 per 12; \$8.25 per 100.  
Bright salmon-rose, light center. It has a much larger flower than most other Darwin Tulips in this color. Height 28 inches.
- Lya Mara.** \$1.95 per 12; \$13.00 per 100.  
Outside crimson-red with broad light edge, inside rosy red with salmon glow, greenish yellow center and white base. A fine garden variety. Height 30 inches.
- Lyon Rose.** \$1.50 per 12; \$10.50 per 100.  
Clear bright pink with light edge, bluish center. Large and strong flower on erect stem. Height 28 inches.

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**Madame Edouard Herriot.** \$1.75 per 12; \$12.00 per 100.  
Resembling, when forced, the rose of this name, bright red with salmon-orange glow. The flower is perfect, of good size and substantial. We consider this to be one of the finest novelties lately introduced. Height 26 inches.

**Mahogany.** \$6.00 per 12; \$45.00 per 100.  
Beautiful deep mahogany with a much darker base, a rare color in Tulips. Very large flower of excellent form. Extremely fine when planted with deep yellow or pure white. Height 29 inches.

**\*Marble Queen.** \$1.15 per 12; \$8.25 per 100.  
Porcelain lilac, large and strong flower which is carried on a stiff stem. Highly recommended for bedding. Height 28 inches.

**\*Margaux.** \$1.55 per 12; \$10.75 per 100.  
Deep wine-red, with broad light edge. Tremendous flower, oval-shaped with blue base, and carried on a strong and stiff stem. One of the largest. Height 30 inches. (Color illustration, page 6).

**\*Marie Le Gray.** \$1.35 per 12; \$9.50 per 100.  
A pure white Tulip of great beauty with dark anthers. Large and well formed flower of great substance. Recommended for late blooming. Plant it next to President Taft for a marvelous combination. A great Tulip. Height 29 inches.

**Marion Davies.** \$2.45 per 12; \$17.00 per 100.  
At first this flower is pale yellow but turns to cream-white as it ages. It is exceptionally long lasting and a gem in a sunny spot with lavender and pink Tulips for company. Stem is stiff and 30 inches tall.

**Mary O'Day.** \$1.65 per 12; \$11.50 per 100.  
Lovely salmon-rose with distinct orange shading, edged salmon-orange, with delicate white line running through each petal. The flower is carried on a tall, stiff stem. The pink shade predominates as the flower ages. A sweet, lovely variety. Height 30 inches.

**\*Mascotte.** \$3.50 per 12; \$25.00 per 100.  
A delicate salmon-orange and pink combination with yellow center. Very refined variety with Cottage Tulip shaped flower which is carried on thin wiry stem. Height 25 inches.

**Masterpiece.** \$3.50 per 12; \$25.00 per 100.  
A giant flower of brilliant red, carried on a strong, stiff stem. One of the largest red Tulips in the collection, reminding one of the Oriental Poppy. Highly recommended. Height 31 inches.

**Mavourneen.** \$2.30 per 12; \$15.50 per 100.  
A delicate lilac and mauve with lighter edges on the petals and bluish base hardly describes this lovely Tulip. Best planted with soft pinks or pale yellows. It is a splendid garden variety. Stiff stem about 30 inches tall.

**\*Mermaid.** \$1.15 per 12; \$8.25 per 100.  
Delicate rose-pink with lighter border, creamy white base; tremendous flower of oval shape, strong and tall stem. This novelty is among the first to bloom when planted outside and has great lasting qualities. Height 28 inches. (Color illustration, page 11).

**\*Mount Everest.** \$2.30 per 12; \$15.50 per 100.  
A very fine snow-white Darwin Tulip of great substance. Graceful flower of perfect form; one of the purest whites, the earliest to bloom and the last to fade. Height 28 inches. (Color illustration, page 11).

**\*Mrs. Grullemans.** \$2.30 per 12; \$15.50 per 100.  
A lovely pure white Darwin Tulip; flowers are large and of great substance with pure white center, light sulphur-yellow anthers and stiff stem. A noble flower bearing a great name. The best all around white Darwin. Height 27 inches. (Color illustration, page 5).

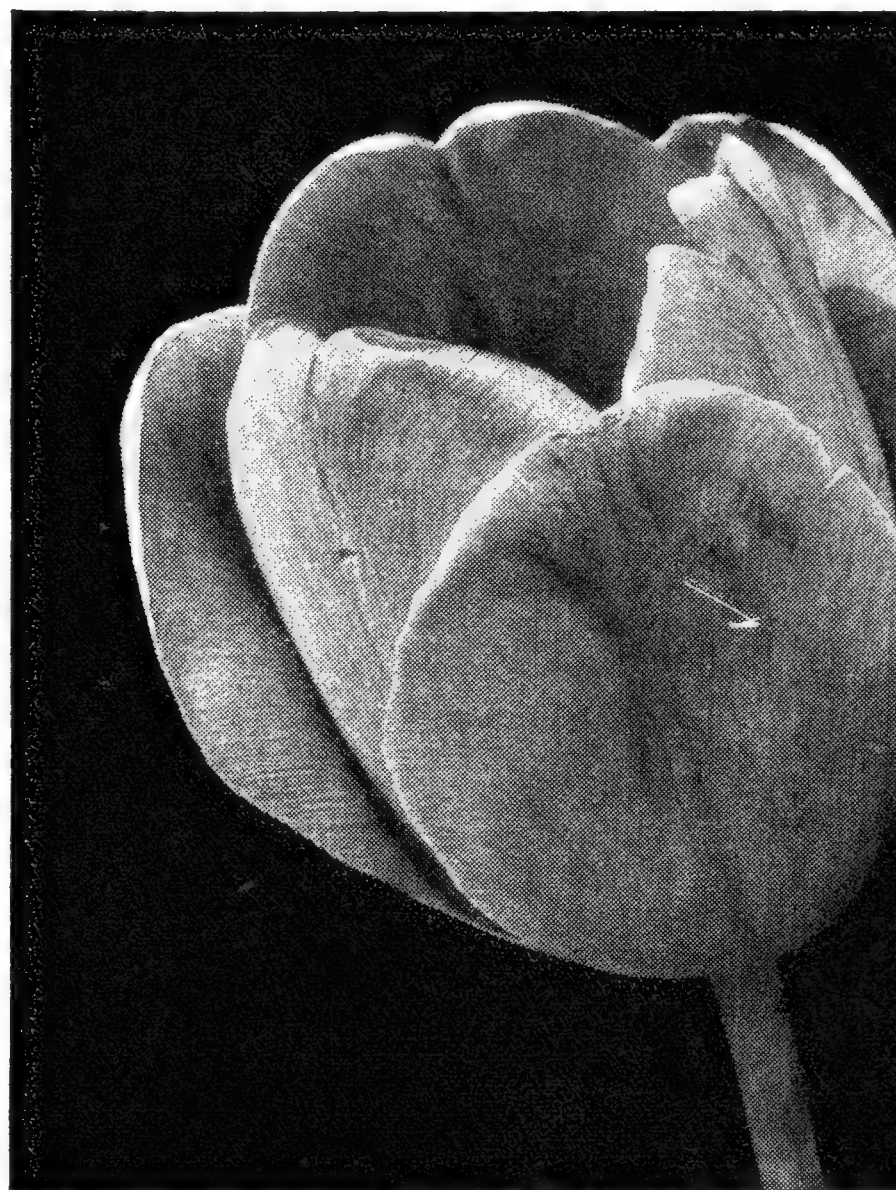
**\*Mrs. Mandel.** 95c per 12; \$7.00 per 100.  
A much improved Wm. Copland, with larger and far more substantial flower. Violet-blue flushed lilac with large white base. Excellent keeper, strong stem. Height 27 inches.

**\*Muriel.** \$1.35 per 12; \$9.50 per 100.  
A very rare color among Tulips, clear reddish violet, large white base. Of quite distinct shape, outer petals slightly reflexing when in full bloom. Strong flower on straight stem. Height 25 inches.

**Niphetos.** \$6.00 per 12; \$45.00 per 100.  
A glorious lemon-yellow flower with lighter base and anthers, of perfect Ideal Darwin Tulip form; the petals are of a remarkable texture, and have, therefore, greater lasting qualities, the flower is carried on a strong, erect stem. It is far superior to any other Tulip in this color and one of the most beautiful in our collection. Highly recommended. Height 29 inches.

**Old Rose.** \$2.45 per 12; \$17.00 per 100.  
Very properly named. Its color is most unusual amongst Tulips. A beautiful flower of pure old rose is carried on a 29-inch stem. Also easily forced for February blooming.

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(Above) Mrs. Mandel

(Below) Mount Everest





## New Ideal Darwin Tulips—Continued.

**Pola Negri.** \$3.50 per 12; \$25.00 per 100.  
Delicate salmon-rose flushed with dark pink. Petals show a decided rosy edge, base of flower is yellow. Long, well formed flower. When forced or in the garden it is superior to any variety ever shown in this color. Exceptionally long lasting. Height 25 inches.

**Purple Glory.** \$3.50 per 12; \$25.00 per 100.  
One of the most imposing of its color. The gorgeously rich deep purple flowers are of large size and perfect in form. Stem is stiff and 30 inches tall.

**\*Queen of the Night.** \$4.75 per 12; \$35.00 per 100.  
One of the darkest Tulips ever introduced. It is superior to Darwin Tulip Mystery and La Tulipe Noire. At last a real black Tulip of rare beauty. Large flower on tall, stiff stem. Height 30 inches.

**Queen of England.** \$4.75 per 12; \$35.00 per 100.  
A magnificent soft pure pink with lighter edged petals. The cup-like bloom is a rich dark rose inside with pure white base. One of the loveliest of pink Ideals. The flowers are of perfect form, keeping their color under adverse weather conditions. Straight, sturdy but graceful, stem 30 inches tall. A superb variety. (Color illustration, page 12).

**Queen of Naples.** \$4.00 per 12; \$30.00 per 100.  
Vermilion-red, large, white center; bordered blue; strong, well shaped flower on stiff stem. A delightful color, in brilliant sunshine does not burn or fade. Height 30 inches.

**Rose Delicate.** \$3.50 per 12; \$25.00 per 100.  
Clear silvery rose, inside light rose. A magnificent garden variety and splendidly matched with La Tosca and Helen Wills; about 28 inches tall.

**Rosemary.** \$1.95 per 12; \$13.00 per 100.  
Here we have another lovely rose-pink variety. The charming flowers when open reveal a lighter center giving the whole flower a most pleasant appearance. The flowers last long and grow on stiff stems. Excellent garden variety.

**San Michele.** \$2.35 per 12; \$16.00 per 100.  
Beautiful brilliant orange-red flower. The edges of the petals are somewhat lighter. Inside is a vermilion-red with large blue base. The giant flower sits proudly on a stiff 30-inch stem. A gem for the garden.

**Scarlano.** \$1.25 per 12; \$9.00 per 100.  
A very pleasing bright red Tulip. The flower when fully open shows a very interesting blue and white center. One of the very best red garden varieties. Height 27 inches.

**\*Scotch Lassie.** \$1.75 per 12; \$12.00 per 100.  
Purest deep lavender with darker shade inside and with dark blue base. This variety is far superior to the well known Melicette or any other kind in this color, larger and a far more substantial flower, slightly reflexing. Will last three to four weeks either in the garden or when cut. Among the best lavender Tulips in our collection. Height 26 inches. (Color illustration, page 5).

**Shot Silk.** \$1.75 per 12; \$12.00 per 100.  
An outstanding variety, silky white with pure white base and anthers. The pure lovely oval-shaped flower is carried on a stiff, wiry stem. A flower of great substance and long lasting. Height 26 inches.

**Sonia.** \$1.15 per 12; \$8.25 per 100.  
Orange-vermilion with salmon flush, inside orange, with yellow and blue center. The color is quite distinct. Not large, but intensely alive and delicate. Height 28 inches.

**Starlight.** \$2.45 per 12; \$17.00 per 100.  
Very fine lemon-yellow, flushed darker yellow inside with still darker yellow base. Elegant, oblong-shaped flower on straight stem. Highly recommended. Height 24 inches. (Color illustration, page 5).

**Sunset Glow.** \$1.95 per 12; \$13.00 per 100.  
A charming deep rose shaded orange on the outside. Inside bright salmon with orange cast, yellow center. Splendid improvement on Afterglow. This lovely Tulip is admired wherever grown. A good sized flower on wiry stem. Height 26 inches.

**Swindon.** \$3.50 per 12; \$25.00 per 100.  
A mammoth flower of finest deep red, not blatant or loud yet rich and clear. One of the finest of red Ideal Darwins. When fully opened a large blue base is revealed. The stem is strong, fully able to carry the flower, 29 inches tall.

**\*The Peach.** \$4.75 per 12; \$35.00 per 100.  
A glorious peach colored Tulip, with large, white center; the flower is large and is carried on a stiff stem. It is an early variety of great charm and beauty; long lasting. Highly recommended. Height 27 inches. (Color illustration, page 5).

**\*Tilly Luss.** \$1.35 per 12; \$9.50 per 100.  
A lovely rose-purple with grayish black center; large, pointed flower of great substance. Height 27 inches.

**\*Tokay.** \$1.15 per 12; \$8.25 per 100.  
Resembles in color the wine of this name. Tremendous flower on a stiff and tall stem. Height 29 inches. (Color illustration, page 12).

**Tollens.** \$3.75 per 12; \$27.50 per 100.  
A tremendous flower of a rich American Beauty red with darker plum-colored sheen. The edges of the flower petals are much lighter. The base is blue. We consider this one of the finest Ideal Darwins. The stem is stiff and 33 inches tall. A superb garden variety. Best seen in company of white Tulips. (Color illustration, page 11).

**\*White City.** \$1.15 per 12; \$8.25 per 100.  
Pure white with black anthers. Large and strong flower, carried on a stiff, straight stem. Recommended for bedding purposes. Height 28 inches.

**\*White Emperor.** \$1.15 per 12; \$8.25 per 100.  
Pure white, creamy white center with black anthers. Recommended for the garden because of its fine substance. Large and strong flower. Height 26 inches.

**\*White Giant.** \$2.15 per 12; \$14.00 per 100.  
This is a perfect white Tulip; it has the correct Darwin form, straight, stiff and tall stem; flower petals are thick; it is without question one of the best white Tulips ever offered. Height 30 inches. (Color illustration, page 12).

**White Pigeon.** \$1.35 per 12; \$9.50 per 100.  
Snow-white with white base and black anthers. Handsome flower of good substance; excellent for the garden. Height 28 inches.

**Wilhelm Kordes.** \$3.50 per 12; \$25.00 per 100.  
The outer petals are salmon with a lovely orange edge. Inside the color livens to a bright salmon-orange with blue center. A flower of perfect form carried on a wiry stem. Height 28 inches.

## New Unnamed Ideal Darwins Special Wayside Gardens Selection

### Obtainable from Wayside Gardens Only

This mixture contains a marvelous selection of new Ideal Darwins. It stands to reason that it is impossible to introduce all the new creations that are being produced by the originator. Therefore, many magnificent seedlings

must be destroyed in order not to bring out too great a selection of varieties, many of which are often much alike. It is those unnamed but truly choice seedlings, as well as many of the named varieties that compose the selections we are offering here.

### \*PRICE OF IDEAL DARWIN TULIP MIXTURE

\$2.00 for 25,

\$3.75 for 50.

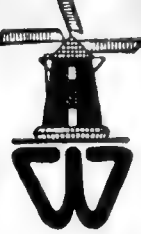
\$7.00 for 100.

\$16.50 for 250.

Only top-size bulbs are used in our mixtures.

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# Darwin Tulips

## The Best Standard Varieties

The colors include the brilliant scarlets and crimsons, and the more somber tones of red. The shades of rose and pink, of violet and purple, are unsurpassed for their delicacy or their richness of color. There are slate blue and blue-violets which might almost be called blue, while Dumas' "Black Tulip" is very nearly realized in some of

the dark maroon varieties. Bronze and buff tones must be looked for among the Breeders. The varieties offered are the best standard kinds; inferior sorts have been omitted.

The figure following the name indicates the relative time of flowering.

- \*Afterglow. 4.** 80c per 12; \$5.75 per 100.  
Deep rosy orange, with salmon shading at edges of petals; inside deep orange with yellowish base. Height 26 inches.
- \*Anton Mauve.** 95c per 12; \$7.00 per 100.  
Enormous flower. Violet, bordered soft grayish white. It is extremely effective next to Iberis Sempervirens or Doronicum. Height 32 inches.
- \*Aphrodite. 3.** \$1.05 per 12; \$7.50 per 100.  
Silvery rose-pink, white base. A beautifully shaped Tulip of great strength; flower lasting a long time. Height 34 inches.
- Aviator Hawks.** \$1.10 per 12; \$8.00 per 100.  
Dark pink with pale margin, large flower on strong stem. Height 29 inches.
- \*Baronne de la Tonnaye. 4.** 80c per 12; \$5.50 per 100.  
Bright rose, margined blush rose. Height 26 inches.
- \*Bartigon. 1.** 80c per 12; \$5.50 per 100.  
A very showy flower on strong stem; fiery crimson with pure white base, ringed deep blue. Height 28 inches.
- \*Bleu Aimable. 4.** 80c per 12; \$5.75 per 100.  
Pale lavender, with white base, starred blue; beautiful flower of distinct shape. Height 25 inches.
- Bleu Celeste. 2.** \$1.95 per 12; \$13.00 per 100.  
Violet-blue flower of fine form. Handsome near Tulips of clear pink tones. Height 30 inches.
- \*City of Haarlem. 3.** \$1.20 per 12; \$8.50 per 100.  
A handsome, fiery cardinal-red of great substance. The deep violet base of this Tulip, outlined in white, gives it a striking effect when open. Height 21 inches.
- \*Clara Butt. 4.** 80c per 12; \$5.50 per 100.  
Clear pink, flushed salmon-rose; inside much deeper, with blue base. Height 21 inches.
- \*Dream. 2.** 80c per 12; \$5.50 per 100.  
Pale heliotrope, inside deep violet with blue base. One of the loveliest of Darwins. Height 27 inches.
- Dresden China. 2.** \$2.45 per 12; \$17.00 per 100.  
One of the gems among the new Darwin Tulips. Beautiful pale lilac-rose. A variety that is much admired in our trial grounds. Height 25 inches.
- \*Duchess of Hohenberg. 2.** \$1.75 per 12; \$12.00 per 100.  
Most lovely association of lilac and heliotrope. A magnificent flower, borne on a stiff stem. Height 29 inches.
- \*Eclipse. 2.** \$2.10 per 12; \$13.50 per 100.  
Glowing blood-red, with steel-blue base. A huge flower, often having an extra number of petals. Height 25 inches.
- Eunice.** \$1.95 per 12; \$13.00 per 100.  
Brilliant rose-pink with a bluish white center. Large, well formed flower which is carried on a strong stem. Height 29 inches.
- \*Farncombe Sanders. 2.** 80c per 12; \$5.50 per 100.  
Scarlet; inside vivid cerise-scarlet with white base; large. Flower of perfect shape. Height 25 inches.
- \*Faust. 3.** 90c per 12; \$6.50 per 100.  
A large, splendid flower of deep wine color. Magnificent for rich coloring among other Tulips in the border. Height 31 inches.
- \*Feu Brilliant. 2.** 90c per 12; \$6.75 per 100.  
A glorious scarlet Tulip; large and beautifully shaped flower on strong stem; one of the first to bloom. Height 28 inches.
- \*Flamingo. 2.** 85c per 12; \$6.00 per 100.  
One of the most beautiful pink Tulips. Exquisite pure color and satin sheen. Height 28 inches.
- \*Giant. 2.** 90c per 12; \$6.50 per 100.  
Deep reddish purple, shaded dark violet with white base. Handsome flower of enormous size on long stem. Height 29 inches.
- Golden Age. 3.** \$5.50 per 12; \$40.00 per 100.  
This giant variety is one of the finest. It is a bright golden orange—and a fine, strong grower with exquisitely shaped flowers. Height 29 inches.

- Gold Lake.** \$1.55 per 12; \$10.50 per 100.  
Bright yellow-orange shaded, cup-like flower. The ends of the petals are tipped with a very small brown spot. A very good deep yellow Darwin but in our opinion not as good as Yellow Giant. Height 27 inches.
- \*Jubilee. 2.** \$1.15 per 12; \$8.25 per 100.  
Of deepest violet, a Tulip of splendid carriage, good form and strong texture. Height 31 inches.
- Kathleen Parlow. 3.** \$1.65 per 12; \$11.50 per 100.  
Bright silvery rose, a very delicate flower on tall, strong stem. Highly recommended. Height 30 inches.
- \*King George V. 2.** \$1.20 per 12; \$8.50 per 100.  
Glowing salmon-scarlet, shaded bright rose; inside brilliant orange-scarlet with blue base. Height 25 inches.
- \*King Harold. 3.** 80c per 12; \$5.50 per 100.  
Deep ox-blood-red, with purple-black base; large flower of fine form on a sturdy stem. Superb variety for the border. Height 24 inches.
- King Mauve.** \$3.50 per 12; \$25.00 per 100.  
A magnificent and lovely pale lavender flower with deeper lavender or purplish flush. When open it displays a beautiful blue and white halo at the base of the bloom. We consider this one of the loveliest Tulips in this color in existence today. Stem graceful and about 30 inches tall. The flower is very large and substantial. Plant with pale yellow Tulips.
- \*La Fiancee. 3.** 90c per 12; \$6.50 per 100.  
A most beautiful and distinct pink Tulip with a blue base. Plant near purple-leaved shrubs. Height 30 inches.
- \*La Tulipe Noire. 3.** 90c per 12; \$6.50 per 100.  
Dark maroon-black, the blackest of all the Tulips. Large flower. Height 25 inches.
- \*Major Sandberg. 4.** \$1.35 per 12; \$9.50 per 100.  
Burgundy-red with black center. The flower is large with strong stem of medium height, about 28 inches. Of vigorous growth with compelling appearance.
- \*Melicette. 3.** 95c per 12; \$7.00 per 100.  
Soft lavender; inside dark lavender-violet with beautiful blue base. Height 25 inches.
- Mr. Van Zijl.** \$2.45 per 12; \$17.00 per 100.  
A glorious dark rosy pink with broad white edge; lovely bright interior, with large, white base. A fine dark pink when forced. Highly recommended. Height 27 inches.
- Mystery. 2.** \$1.35 per 12; \$9.50 per 100.  
Very large and beautiful shiny black flower with circular blue base; most effective. Height 23 inches.
- Orange Perfection. 2.** \$1.95 per 12; \$13.00 per 100.  
A very striking variety, a brilliant salmon-orange, with a bright blue base. The large, well proportioned flower is borne on a tall, stiff stem. Height 30 inches.
- Paul Baudry.** 90c per 12; \$6.50 per 100.  
Bright violet-purple; a fine strong formed flower. One of the loveliest of its kind and regardless of adverse climatic conditions, always good. A popular variety for the American garden, does not burn in hot sun. Height 28 inches. (Color illustration, page 11).
- Pres. Garfield.** \$2.45 per 12; \$17.00 per 100.  
A rich dark bluish violet. We consider it without doubt superior to Jubilee. The large strong flower is carried on a stiff stem. 27 inches tall.
- President Harding. 2.** \$1.10 per 12; \$8.00 per 100.  
The large, deep purple flower, shaded violet, is borne on a tall, strong stem. Goes well together with Breeder Tulip, Golden West. Height 32 inches.
- \*President Taft. 3.** 95c per 12; \$7.00 per 100.  
Large, deep crimson-red flower on a very sturdy stem, 20 inches high. A crimson so intense and yet so pleasing that it is one of the outstanding Darwin Tulips. For use in a solid bed it cannot be surpassed.

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## Darwin Tulips—Continued.

- \***Pride of Haarlem.** 1. 80c per 12; \$5.50 per 100.  
Brilliant rosy carmine with blue base; very large flower on tall, strong stem; sweet scented. Height 25 inches.
- \***Prince of the Netherlands.** 95c per 12; \$7.00 per 100.  
Bright fiery scarlet with a glistening sheen of salmon-rose. The color effect is enhanced by a snow-white rib running along the center of each petal. Planted with the lighter colored Darwins or the two-toned Breeders, the vivid scarlet color shows up in a wonderful manner. Height 32 inches.
- \***Prince of Wales.** 2. 90c per 12; \$6.50 per 100.  
A shining cherry-red Darwin. The best of its color—bar none. The merest suspicion of blue in its hue makes it eminently suitable for use with all blue flowers. Height 28 inches.
- \***Princess Elizabeth.** 2. 80c per 12; \$5.50 per 100.  
Clear deep pink, changing with age to rose-pink, white base. Large flower. Height 26 inches. One of the loveliest pink sorts.
- \***Princess Mary.** 2. \$2.15 per 12; \$14.00 per 100.  
Bright carmine-rose with margin of rose-pink; inside clear carmine-rose with blue base and white halo; huge flower on a splendid stem. A magnificent variety in every way. Height 28 inches.
- Professor Rauwenhof.** 3. 80c per 12; \$5.50 per 100.  
Bright cherry-red with scarlet glow inside; brilliant blue base. Enormous flower. Height 28 inches.
- \***Reverend H. Ewbank.** 1. 80c per 12; \$5.50 per 100.  
Plant this lovely mauve Tulip for a beautiful blending of colors with yellow Cottage Tulips. Height 25 inches.
- \***Rosa Bella.** 3. \$1.20 per 12; \$8.50 per 100.  
Exceedingly beautiful salmon-rose. One of the finest pink Tulips. Height 21 inches.
- \***Scarlet Beauty.** 2. 95c per 12; \$7.00 per 100.  
Pure glowing scarlet. Extra large flower. Height 22 inches.
- \***Sundew.** 1. 85c per 12; \$6.00 per 100.  
A lovely cup of glowing crimson uplifted on a tall, stately stem. Its petals are beautifully fringed and lacinated at the outer edges. Height 28 inches.
- \***The Bishop.** 3. \$1.05 per 12; \$7.50 per 100.  
Finest deep violet, blue base, white halo. Beautiful form. Plant with yellow pansies. Height 29 inches.
- \***Venus.** 8. 90c per 12; \$6.50 per 100.  
Large, pure silvery rose, white base marked with a pale blue ring; very lovely color; good form and substance. Height 28 inches.
- \***Viola.** 3. 95c per 12; \$7.00 per 100.  
Dark violet, strong, large flower. Height 30 inches. Beautiful variety and one of the best garden sorts.
- \***White Emperor.** 2. \$1.15 per 12; \$8.25 per 100.  
A lovely new, pure white Darwin. Plant next a deep scarlet or dark purple sort. Height 28 inches.
- \***William Pitt.** 2. 80c per 12; \$5.75 per 100.  
Very dark crimson, with purplish bloom on the outer petals and white base starred blue; large flower of distinct color and great beauty. Height 22 inches.
- \***Yellow Giant.** 2. \$1.20 per 12; \$8.50 per 100.  
A golden yellow Tulip of great beauty and size, large flower with black anthers. Tall and strong stem. This is one of the best of the several yellow varieties which are offered. Highly recommended. Height 29 inches. (Color illustration, page 5).
- \***Zulu.** 2. 85c per 12; \$6.25 per 100.  
Rich, velvety black with shining purple edges; large, egg-shaped flower, and the finest of all the dark varieties. Height 27 inches.
- \***Zwanenberg.** 3. \$1.25 per 12; \$9.00 per 100.  
Pure white with black anthers. A large, substantial flower and a good white Darwin. Height 28 inches.
- \***Superb Mixture of Darwins.** 80c per 12; \$5.50 per 100.  
This is our own special mixture which we recommend where the best results are desired in beds of mixed colors. It is made up of numerous named sorts and in equal proportion of each variety. No attempt is made in this mixture to see just how cheaply it can be made.







## New Giant Breeder Tulips

First Introduction of This Remarkable Strain Into America.

These new giants all have magnificently colored flowers of a quality and substance heretofore not found in Tulips. The size of flower cannot be compared with other Tulips. Stems are strong and erect, flower petals substantial, prolonging the period of flowering by often

more than a week. Lack of space prohibits adequate description; let that, however, not deter you from planting a few of these remarkable new Tulips. The richness of tone as well as sheer stately dignity will eventually open all garden gates for them.

- Augustus.** \$2.35 per 12; \$16.00 per 100.  
Deep greyish red and flushed purple flower of tremendous size, white base. Strong growing variety with a tall and stiff stem. Height 30 inches.
- Blois Van Amstel.** \$3.25 per 12; \$22.00 per 100.  
A magnificent violet-blue. Flower edges of petals somewhat lighter than the midrib. The base is bright blue. The flower is of immense size and carried on a stiff stem 30 inches high.
- Blucher.** \$3.25 per 12; \$22.00 per 100.  
Purplish red with greenish yellow base. Large and strong flower on a straight stem. Height 28 inches.
- Buddha.** \$3.50 per 12; \$25.00 per 100.  
Greyish bronze, with purple flush, dark greenish base. Large and strong; of great beauty. Height 29 inches.
- Cordova.** \$3.25 per 12; \$22.00 per 100.  
A beautiful lavender and flushed pink variety with sky-blue base. The flower is large and carried on a straight stem. Height 27 in.
- Cornelia.** \$3.00 per 12; \$20.00 per 100.  
Reddish bronze, interior deep bronze with greenish base. Large and strong; erect stem. Height 29 inches.
- Crusader.** \$3.00 per 12; \$20.00 per 100.  
An extremely large blood-red flower, shaded plum outside, blue base, strong stem. Height 30 inches.
- Cunera.** \$3.00 per 12; \$20.00 per 100.  
A tremendous purplish bronze Tulip with yellow base; tall and straight stem; a very lovely variety. Highly recommended. Height 34 inches.
- Hercules.** \$3.25 per 12; \$22.00 per 100.  
A glorious bronze and brownish flushed flower with lighter edges, interior is reddish brown, greenish yellow base. Large flower, strong stem. Height 33 inches.
- Jessey.** \$3.60 per 12; \$26.00 per 100.  
Clear coffee-brown, rather deep; flushed bronzy red with yellow base. Very large and strong flower, tall, erect stem. Height 36 in.
- Mercurius.** \$3.80 per 12; \$28.00 per 100.  
Dark brown flushed dark bronze, edged light bronze and with greenish base. The flower is extremely large and strong, the stem tall and stiff. Height 29 inches.
- Minerva.** \$3.50 per 12; \$25.00 per 100.  
An immense bright violet shaded blue; edges of petals are bronze, the base yellow. A rare and most distinctive variety, especially for garden or exhibition. Stem strong and 30 inches tall.
- Perycles.** \$3.25 per 12; \$22.00 per 100.  
This lovely variety has a dark brown flower with golden bronze flush or sheen. The edges of the petals are light bronze. The cup has an olive-green base. The flower is gigantic and boldly carried on a stiff 32-inch stem.
- Stephanie.** \$5.50 per 12; \$40.00 per 100.  
Bright violet shaded pale lilac with clear bluish white base. Very large flower and strong stem. Height 32 inches.
- Tantalus.** \$3.25 per 12; \$22.00 per 100.  
Light cadmium-yellow, shaded dull violet, cup-shaped flower. Height 30 inches.
- Thomas Stephenson.** \$3.50 per 12; \$25.00 per 100.  
Beautiful lavender, delicately flushed red with darker shadings inside towards the base which is clear blue. Enormous flower of fine substance that is carried on a straight, strong stem. Height 33 inches.
- Unique.** \$3.80 per 12; \$28.00 per 100.  
Bronzy red edged lighter bronze, interior also light bronze. Tremendous oval-shaped flower that is carried on a tall straight stem. Height 29 inches.

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(Above) Giant Breeder, Dillenburg



(Below) Giant Breeder, Brigadier



## Breeder Tulips

Their somber and remarkable colors place them distinctly in a class by themselves. Every lover of rich pastel shades cannot fail to revel in the gorgeous and artistic blendings of purple and old gold, bronze and terra cotta, brown and violet, and buff and maroon found

among the Breeders. The flowers are, many of them, sweet scented, and all splendid for cutting.

All indifferent and "muddy" colored varieties have been removed from this list.

**Admiral Tromp.** \$2.45 per 12; \$17.00 per 100.  
Bright orange-red, shaded salmon. One of the finest Breeder Tulips lately introduced; large and strong flower. Height 29 in.

**\*Abd-el-Kader. 2.** 90c per 12; \$6.50 per 100.  
Dark lilac flushed golden bronze. The flower is large and well shaped. Height 30 inches.

**\*Apricot. 2.** 85c per 12; \$6.25 per 100.  
Light bronze overlaid with a deep old rose. Is large and well formed, the petals wonderfully strong, on a tall and erect stem. Height 28 inches.

**\*Bacchus. 2.** 90c per 12; \$6.50 per 100.  
Large, long flower on graceful stem; dark violet-blue, darker bloom on outside of petals, inside violet-blue, white base. The bluest of all Tulips. Height 33 inches.

**Brigadier.** \$1.15 per 12; \$8.25 per 100.  
A chestnut-brown shaded orange, bordered lighter orange, oval-shaped flower of tremendous substance. This variety was highly recommended when seen in various trial gardens in America. Height 27 inches.

**Brocade. 1.** \$1.95 per 12; \$13.00 per 100.  
A new Breeder Tulip, golden yellow shaded bronze on the outer petals. Large, well formed flower of splendid substance. Height 30 inches.

**\*Bronze Queen. 1.** 80c per 12; \$5.75 per 100.  
Large, strong flower, stout stem; fine form; purplish fawn, interior buff-yellow, bright lemon-chrome base, filaments olive above, yellow below. Height 28 inches.

**\*Cardinal Manning. 1.** 95c per 12; \$7.00 per 100.  
Very large, egg-shaped flower; bishop's purple, flushed rosy bronze, changing to an almost pure orange at the extreme edges of the petals; the base is tinged yellow; filaments blue at apex. Height 34 inches.

**Cherbourg. 2.** \$2.10 per 12; \$13.50 per 100.  
Undoubtedly one of the finest Breeder Tulips. A deep tone of golden yellow, with a suffusion of terra cotta, the deeper tone of yellow growing stronger toward the edges of the petals. The flower is of gigantic size. Height 32 inches.

**\*Copernicus. 2.** 90c per 12; \$6.50 per 100.  
Dark coppery bronze, flushed old rose, interior warm brown with yellow base. A splendid large flower. Height 27 inches.

**\*Coridion. 2.** \$1.15 per 12; \$8.25 per 100.  
Clear yellow, overlaid with broad stripe of lilac through center of petals. A Tulip of rare form and beauty. Height 28 inches.

**\*Creation. 1.** \$1.40 per 12; \$10.00 per 100.  
Without question one of the finest orange Breeders ever introduced. When in full bloom the flower becomes bright orange with a delicate shade of bronze. Height 24 inches.

**\*Dillenburg. 2.** \$1.05 per 12; \$7.50 per 100.  
A new variety best described as a glorious salmon-orange. The blooms are of perfect shape and distinct color. Height 28 inches. (Color illustration, page 12).

**\*Dom Pedro. 2.** 90c per 12; \$6.75 per 100.  
Coffee-brown and maroon, shaded with old gold. It is the outstanding Breeder Tulip in this color. Robust in habit and long lasting, the best of the bronze varieties. Height 21 inches.

**\*Duke of Edinburgh. 2.** \$2.15 per 12; \$14.00 per 100.  
Enormous, well shaped flowers on stiff stem; one of the giants of this family; beautiful deep violet with large, white base. Height 33 inches.

**\*Fairy (Panorama). 2.** 90c per 12; \$6.50 per 100.  
Remarkable for its splendid coppery orange color, its overlying bluish bloom, its amazing olive-green base, yellow pistil and dull violet anthers. Open or partly closed, the flower is magnificent, the effect in mass planting superb. Height 27 inches.

**\*Garibaldi. 3.** \$1.20 per 12; \$8.50 per 100.  
Base and center of petals terra cotta with broad edge of golden bronze. Exquisite colorings; strong growth; one of the choicest. Height 31 inches.

**\*Godet Parfait. 2.** 90c per 12; \$6.75 per 100.  
Its wondrous bloom and rich deep purple color touched with feathers of brownish black which are almost indistinguishable, make it exceedingly handsome. Height 29 inches.

Golden Goblet





**\*Golden Goblet.**

\$1.95 per 12; \$13.00 per 100.

A magnificently formed and beautifully toned old gold, cup-shaped flower. A truly handsome Breeder Tulip without dullness of color so often found in Breeders. The "old gold" blossoms are alive and sparkle, yet with a restraint that bespeaks fine breeding. The flowers last long, standing up well in great heat; unquestionably the best variety in this collection. We have for four years requested the production of a large quantity so that at time of introduction it could be offered at a moderate price. Can be had this year from Wayside Gardens only. (Color illustration, page 6).

**\*Golden West. 2.**

\$1.95 per 12; \$13.00 per 100.

A tremendously large flower on a tall and stiff stem, dull golden buff, center greenish yellow. Height 32 inches. (Color illustration, page 11).

**\*Heloise. 3.**

\$1.15 per 12; \$8.25 per 100.

A beautiful combination of deep brown and old rose. Inside deep brown edged golden bronze, base yellow. Large flowers with reflexing petals. Height 28 inches.

Indian Chief

**\*Indian Chief. 3.**

\$1.50 per 12; \$10.50 per 100.

Perhaps the most artistic of all Breeder Tulips; a flower of enormous size carried on a very tall stiff stem. Of glorious coloring and in every way desirable for every purpose. The beautiful intriguing color is of an Indian-brown, flushed coppery brown; a very effective dark, wood-brown Tulip with a burnished metallic sheen and illusive rose-colored lights. One of the handsomest of the brown Breeders, standing on a stem 38 inches high. (Color illustration, page 6).

**\*Jaune d'Oeuf or Sunrise.**

90c per 12; \$6.50 per 100.

Deep lemon-chrome, with a slight flush of pale purple on the outer segments, large, pale green base; filaments greenish. Height 29 inches.

**\*Louis XIV. 2.**

95c per 12; \$7.00 per 100.

Rich dark purple, shaded steel-blue, heavily flushed bronze, edged golden brown; enormous size and stately bearing. Height 30 in.

**\*Lucifer. 3.**

\$1.20 per 12; \$8.50 per 100.

Bright terra-cotta-orange; enormous flowers; a variety of great brilliance. An exquisite flower for the border as well as for cutting. Height 24 inches.

**\*Pink Pearl. 2.**

85c per 12; \$6.25 per 100.

A wonderfully effective flower of fine form, lilac-pink with rosy bloom; interior rose, shaded creamy white. Height 26 inches.

**\*Prince Albert. 2**

90c per 12; \$6.50 per 100.

Glowing mahogany-brown, shaded dull bronze, green base. Splendid for the border. Height 30 inches.

**\*Prince of Orange. 3.**

85c per 12; \$6.00 per 100.

Large, very showy, well formed flower of great substance; terra-cotta, edged orange-yellow, base yellow streaked with olive, filaments olive. Height 26 inches.

**\*Roi Soleil. 3.**

90c per 12; \$6.50 per 100.

A wonderful combination of dark violet-blue and shades of bronze. Fine large, well formed flower. Plant with yellow Pansies. Height 28 inches.

**\*Rayon d'Or. 1.**

\$1.25 per 12; \$9.00 per 100.

One of the gems among the new Breeder Tulips. The color is a bright golden bronze, edged bronzy yellow, with olive center. Large, well formed flower of splendid substance, borne on strong, stiff stem. Height 26 inches. (Color illustration, page 6).

**\*Reve d'Or.**

\$1.35 per 12; \$9.50 per 100.

Very bright orange-yellow edged golden with small olive-green base. Large flower on strong stem. The finest Breeder for bedding. Becomes more beautiful as it ages. Height 27 inches. (Color illustration, page 17).

**\*Sundance. 1.**

\$1.35 per 12; \$9.50 per 100.

A very beautiful orange, flushed bronze, edged light bronze. Large, well formed flower of splendid substance, borne on strong, stiff stem. Height 25 inches. (Color illustration, page 6).

**\*Velvet King. 2.**

\$1.10 per 12; \$8.00 per 100.

Immense flower on extra strong stem. Its robust growth makes it one of the most conspicuous; bright dark royal purple. Height 31 inches.

**William the Silent.**

\$1.65 per 12; \$11.50 per 100.

What a marvel is this among the purple Breeder Tulips! Its widely opened cup of warm, reddish purple, its generally superb appearance, the fine texture of its petals make it an outstanding purple Tulip, and one deserving its illustrious name. The flower is carried on a strong tall stem. With its striking creamy base outlined with blue, and its purple-velvet anthers, it is a variety to adorn the stateliest garden. A beautiful combination may be had by planting Cottage Tulip Mayflower or a similar shade amongst, or in front of, William the Silent. Height 30 inches.

**\*Choice Mixed Breeder Tulips.**

85c per 12; \$6.00 per 100.

Mixed bulbs, as a rule, do not appeal to the planter because of the difficulty in the blending of colors. Breeder Tulips, however, are in a class by themselves, and their colors do permit easy blending. They are in shades of bronze, golden bronze, violet, buff, maroon and terra cotta. We suggest a liberal planting for cut flowers.



## Chinese Lantern Tulips

(Fairy Tulips)

Especially well suited for southern gardens.

Imagine a handful of Tulips having the delicate pure pastel shades of our finest Sweet Peas and you have but a fair description of their colors. The general effect, however, is that of lighted, delicately colored Chinese Lanterns.

The perfectly formed globular blossoms glow with an iridescent light not heretofore seen in Tulips. The colors are too exquisite to accurately describe. They have been admired by visiting growers from all over Europe.

The introduction of these lovely hybrids has been given to Wayside Gardens. The colors are all in those elusive tints of salmon, orange, and salmon-pink of the most delicate pastel shades yet brilliant and vibrant with life. They are late flowering, blooming after most of the Darwins are out of bloom.

**Darlington.** \$3.00 per 12; \$20.00 per 100.  
Glittering rose-pink, yellow center. Height 23 inches.

**Fair Delight.** \$3.00 per 12; \$20.00 per 100.  
Iridescent, orange-vermilion, shaded orange and mauve, yellowish center. Height 22 inches.

**\*Good Gracious.** \$2.15 per 12; \$14.00 per 100.  
Brilliant orange outside, inside of cup is fiery orange of great beauty. Height 25 inches.

**Mrs. John Sherwin.** \$3.00 per 12; \$20.00 per 100.  
Brilliant sparkling tone of orange, shaded rose, inside light orange, yellow center. Height 22 inches.

**\*Mrs. Walter Brewster.** \$2.15 per 12; \$14.00 per 100.  
Brilliant fiery orange, yellow center; rich sparkling tones, hard to describe. Height 24 inches.

**Mrs. Windsor White.** \$3.00 per 12; \$20.00 per 100.  
Vivid, sparkling rose, shaded orange with yellowish center. Height 24 inches.

**\*Mrs. William Bruner.** \$1.95 per 12; \$13.00 per 100.  
Iridescent, light rose, shaded delicate orange; a glorious combination of pastel shadings. Height 25 inches. (Color illustration, page 5).

**Mrs. Thomas Howell.** \$3.00 per 12; \$20.00 per 100.  
Sparkling rosy lilac, inside shaded bright orange, yellow center; the colors dance and vibrate in the sunlight. Height 22 inches.

**\*Silvery Moon.** \$2.30 per 12; \$15.50 per 100.  
Outside of flowers is a shimmering lilac and rose. The inside of the bloom is pale orange, yellow center, a glorious Tulip. Height 24 inches.

Price difference of varieties is due to greater quantities available, not because of being inferior or less attractive.

Lily-Flowered Tulip, Sirene



Chinese Lantern Tulip, Mrs. Wm. Bruner

## Lily-Flowering Tulips

The Tulips offered under this heading have been kept by themselves because of their distinct Lily-like flowers. They really belong with the Cottage Tulips but would be lost or difficult to find if offered in that already quite large group.

Lily-Flowered Tulips bloom the same time as the Cottage Tulips and are best used where a light, airy and graceful effect is desired. The delicately curved petals give a delightful effect. As a flower for cutting, it surpasses the regular Tulip because they are so much more graceful. Don't miss planting a few this year. The most complete list in existence is offered here.

**\*Captain Fryatt.** \$3.35 per 12; \$23.00 per 100.  
Dark ruby-violet with violet-blue center, strong reflexed petals. The only Tulip of this color; this is a most attractive Lily-Flowered Tulip. Height 24 inches.

**Fascinating.** \$5.50 per 12; \$40.00 per 100.  
Exterior bright sulphur-yellow, interior dark lemon-yellow, large reflexing petals of perfect shape, tall, straight stem. Height 26 inches.

**Henrica.** \$3.00 per 12; \$20.00 per 100.  
Bright yellow; one of the best of this type. Large flower, strong stem, graceful lily-like flowers. Highly recommended.

**Marcellina.** \$1.65 per 12; \$11.50 per 100.  
Glorious rosy red with pure white center, reflexing petals, a very graceful novelty.

**Martha.** \$1.50 per 12; \$10.50 per 100.  
A delicate cerise with white center, reflexing petals.

**\*Primrose Delight.** \$5.50 per 12; \$40.00 per 100.  
A sulphur-yellow flower with dark lemon-yellow interior, large and beautifully formed reflexing flower which is carried on tall, strong stem. Height 25 inches.

**\*Sirene.** 85c per 12; \$6.25 per 100.  
Rich rose-pink with pale pink at the margins of segments, white base. Great exhibition flower of exquisite beauty and exceptionally fine in the garden.

**Union.** \$3.50 per 12; \$20.00 per 100.  
Soft rose, reflexed petals; a very fine variety. Superb for cutting and good in the border.

**\*White Cross.** \$2.15 per 12; \$14.00 per 100.  
A strikingly beautiful Tulip, large pure white flowers of which the inner petals stand erect, outer petals are recurved.

**\*Yankee Girl.** \$5.50 per 12; \$40.00 per 100.  
A glorious Tulip of a salmon-buff color. The flower petals are strongly reflexed and curled in a half circle. The only Lily-Flowered Tulip of this shape. Standing up straight, petals are very thick and it has better lasting qualities than any other. Height 24 inches.

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## *Tulipa Grullemanni*

The result of crossing Kaufmanniana with the Darwin. The flowers are long and large, carried on stout stems holding the blossom boldly upright. All are about 27 inches in height and of remarkably robust habit, resisting disease or all sorts of ailments. Their coloring is unique and most attractive, Inga Hume being greatly admired

at London, Paris and Berlin flower shows.

Easily forced and grown indoors and tremendously long lasting, both indoors as well as out. In the garden they will outlast any Tulip in existence. The bulbs multiply rapidly. May we suggest you plant a few this fall.

**\*Barnaby Rudge.** \$6.00 per 12; \$45.00 per 100.  
Inside butter-yellow faintly feathered red, outside pale yellow with broad red spray on center of outer petals, beautiful large black base; well formed, strong flower on tall, erect stem. Height 27 inches.

**Cecile.** \$2.15 per 12; \$14.00 per 100.  
Inside primrose-yellow, outside creamy white, greenish center, elegant oblong-shaped flower on graceful stem. Height 27 inches.

**Dosia.** \$5.00 per 12; \$40.00 per 100.  
Inside deep yellow heavily sprayed red, outside bright red with broad yellow edges, large brownish black base, enormous flower on a straight stem; one of the best. Height 27 inches.

**Expressione.** \$4.75 per 12; \$35.00 per 100.  
Inside blush white, slightly sprayed red; outside cherry-red with broad white edges, purplish black large base, strong flower on an erect stem, a distinct color. Highly recommended. Height 28 inches.

**Grisilde.** \$1.95 per 12; \$13.00 per 100.  
Inside creamy white turning primrose-yellow towards center. Outside white with a faint red spray on center of outer petals. Large greenish black base, beautiful oblong-shaped flower of great substance on tall, erect stem. Exhibited several times at the New York Flower Show where it drew unusual attention. It will easily last two weeks after being forced. Height 26 inches.

**\*Inga Hume.** \$2.15 per 12; \$14.00 per 100.  
Inside deep yellow slightly sprayed red, outside red with broad, sharply lined yellow edge, large black base, perfectly formed large flower on erect stem, very fine variety. Highly recommended for forcing, it will outlast any other Tulip and becomes more beautiful as the flower ages. Height 24 inches. (Color illustration, page 17).

**\*Magnolia.** \$1.95 per 12; \$13.00 per 100.  
Inside cream-white faintly sprayed red, outside red with broad white edges, large purplish blue base, fine globular flower on straight stem; recommended for bold effect. Height 28 inches.

**\*Mimoza.** \$1.95 per 12; \$13.00 per 100.  
Inside primrose-yellow, outside blush-white with a faint red shade on the outer petals, beautiful black base with broad, yellow edge, enormous perfect flower of oblong shape, tall, erect stem. Height 28 inches.

**Salome.** \$1.95 per 12; \$13.00 per 100.  
Inside blush-white, slightly sprayed red, outside cherry-red with broad white edges, large purplish black base, strong flower on erect stem. Height 28 inches.

**Vivace.** \$1.95 per 12; \$13.00 per 100.  
Inside primrose-yellow with faint red markings; outside light yellow with broad red feathering on centers of outer petals; large black base, strong, well formed flower on a sturdy stem. Height 27 inches.

*p. s.* Some of the largest Tulip flowers shown at the recent New York show were "Grullemanni" varieties.

## *Multiflowered Tulips*

Bunch-flowering or Multiflowered Tulips are a most interesting lot. Instead of producing the conventional single stem with one bloom on top the varieties offered under this heading all grow a strong main stem with from 3 to 6 branches, half way up the stem, each side shoot or branch carrying its own flower. The result is that 3 to 6 or sometimes 8 flowers are obtained from one bulb. All the

blooms are of good size, are gracefully spaced and as you can well imagine, produce an unusual effect and a great mass of color. The soil must be kept rich because if planted in poor ground they will not be as floriferous.

All the varieties offered are most attractive, some very unusual in their coloring.

**Aureole.** \$2.45 per 12; \$17.00 per 100.  
A combination of red, yellow, and brown, large black base. It looks not unlike a tiger's skin. From 3 to 6 blooms on one stem.

**Betsy Ross.** \$2.75 per 12; \$18.50 per 100.  
A light pink and white flower becoming deep rose as the flower ages. It has strong stems. The flowers are very substantial, often 5 or 6 on one stem.

**\*Dragoon.** \$2.75 per 12; \$20.00 per 100.  
Purple-garnet flowers of most intense color, gives beautiful result with 4 to 6 blooms on one stem.

**\*Flaming Arrow.** \$3.25 per 12; \$22.00 per 100.  
Geranium-red with yellow center, of medium height, very brilliant, 3 to 6 blooms on one stem.

**Goldrush.** \$2.45 per 12; \$17.00 per 100.  
A clear yellow and free flowering variety. Strong stems. Color is very much like Cottage Tulip Inglescombe Yellow. Four to five flowers on one stem is about the average for this variety.

**Madame Mottet.** \$1.95 per 12; \$13.00 per 100.  
Rosy red, shaded purple. Height 24 inches. 4 to 6 blooms on one stem.

**\*Monsieur S. Mottet.** 90c per 12; \$6.50 per 100.  
Ivory-white. It carries from 4 to 5 flowers on a stem, which are in bloom at the same time. It is unique as a cut flower and also an excellent garden variety. Height 26 inches.

**Pillsbury.** \$1.95 per 12; \$13.00 per 100.  
Carmine-rose, shaded lavender with bright rose border, bearing 4 or more blossoms at the same time on a stem.

**\*Rose Mist.** \$2.15 per 12; \$14.00 per 100.  
A lovely pink colored variety with 5 to 6 flowers open at the same time. We highly recommend this variety as it is without question one of the best pinks. Height 26 inches.

**Silver Spray.** \$1.95 per 12; \$13.00 per 100.  
Silvery white somewhat shaded creamy white. Free flowering. Five to six blooms are not unusual on one stem.

**\*Sulphur Gem.** \$2.30 per 12; \$15.50 per 100.  
Sulphury yellow, very handsome, free flowering. 4 to 5 flowers on one stem. (Color illustration, page 12).

**Mixed Colors.** \$1.35 per 12; \$9.50 per 100.

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# Cottage and Hybrid Tulips

(May-Flowering Tulips)

The Cottage Tulips come into bloom in early May. They are hardy and robust, with long, slender, but very stiff stems. The flowers are mostly long and oval, many of them with the petals gracefully reflexed. The Cottage Tulips as a class are rich in the more delicate

and artistic shades of pink, yellow, orange, and fawn with salmon, old rose and amber. They are best of all Tulips for cutting and should be planted outdoors. They will last for many years.

**Advance.** \$2.45 per 12; \$17.00 per 100.  
A gorgeous new Hybrid introducing into the Cottage strain the blood of Tulipa Greigi, the fieriest red of the Botanicals. It produces giant, blazing red flowers on 24-inch stems.

**\*Alaska.** 90c per 12; \$6.50 per 100.  
Clear bright yellow and elegant form. The petals reflex slightly and the charm of the slender bloom is unusual. Height 25 inches.

**Amethyst.** \$2.45 per 12; \$17.00 per 100.  
A very large and delicate shaded lilac and mauve Cottage Tulip with distinct white base. Beautifully combined with Moonlight and other pale yellow varieties. Height 22 inches.

**\*Ambrosia.** 85c per 12; \$6.25 per 100.  
A rich flower of pale terra cotta and amber, and a rosy glow throughout, of great size and slender form, held on a very long stem. For cutting or garden use it is superb. The fragrance of this Tulip is equal to that of the well known rose Columbia. Height 28 inches.

**\*Arethusa.** \$1.05 per 12; \$7.50 per 100.  
A large and freely opening cup of pure light chrome-yellow. This flower is most interesting and a great improvement over the old varieties. Height 25 inches.

**\*Argo.** 95c per 12; \$7.00 per 100.  
Deep golden yellow, slightly penciled toward the top edges with orange, which deepens as the flower ages. Height 26 inches.

**\*Avis Kennicott.** 85c per 12; \$6.25 per 100.  
Large, chrome-yellow flower with striking black base and anthers. Height 23 inches.

**\*Barbara Pratt.** \$1.95 per 12; \$13.00 per 100.  
One of the most remarkably beautiful and brilliant Tulips of recent introduction. The color is a most radiant cherry-pink with an extraordinary effect of golden light shining through it. The flower is long and exquisitely modeled and gives forth a delicious fragrance. It does not fade in the sun and lasts in perfection for a much longer period than most Tulips. Undoubtedly destined for a great future. Height 36 inches.

**Beranger.** \$1.95 per 12; \$13.00 per 100.  
Outside lovely orange, inside coppery orange shade; one of the very best in this color. A beautiful new Tulip recommended for the garden. Height 24 inches.

**Black Eagle.** \$1.30 per 12; \$9.25 per 100.  
The form and habit of this variety is so much like that of the Darwin Tulips, many firms offer it as a Darwin. In truth it is a Hybrid Cottage of no mean qualities and of rare beauty. For three years in our trial garden it has been greatly admired. The cup-shaped flower is of great size and of the richest and most brilliant intense deep purple which shines when the sun strikes it. The anthers are pitch black and the base of deepest blue. A glorious Tulip on 29-inch stem. Plant it together with Ideal Darwin Mount Everest for stunning effect.

**\*Buff Beauty.** 90c per 12; \$6.50 per 100.  
A very delicate Tulip, salmon-orange shaded buff, center is orange with yellow shading. A favorite in the garden and when forced late in March the salmon-orange bloom is in a class by itself. Height 20 inches.

**\*Carrara.** \$1.25 per 12; \$9.00 per 100.  
This Tulip has created a sensation at the English shows. It is round and pure white as the marble from which it has its name. A most delicate flower. Height 25 inches.

**\*Dido.** 85c per 12; \$6.00 per 100.  
A perfect flower, excellent in color and form, poised firmly at the top of its straight stem. Color is deep rich pink with yellow stripes. It is an unusual and magnificent Tulip. Very fragrant. Height 30 inches.

**\*Ellen Willmott.** 85c per 12; \$6.00 per 100.  
One of the finest May-flowering Tulips. Flowers large, beautifully shaped, soft creamy yellow, deliciously fragrant. Height 30 inches.

**\*Flava.** \$1.15 per 12; \$8.25 per 100.  
A late flowering canary-yellow of satiny texture. Leaves silvery green. Lovely planted against Persian Lilacs. The blossoms, which are of unusual form, last two weeks after other border varieties are past. Height 25 inches.

**Golden Harvest.** \$2.45 per 12; \$17.00 per 100.  
Large, deep lemon-yellow flower of great substance, tall, stiff stem. There is a lovely shading of pale green through this flower which makes it one of the rarest and loveliest of Cottage Tulips. Highly recommended. Height 28 inches.

**Golden Statue.** \$5.00 per 12; \$37.00 per 100.  
A pale yellow Tulip of tremendous size, oval-shaped flower, stem tall and stiff. The inner petals are pale yellow, the outer petals are darker. We consider this one of the loveliest late yellow Tulips. Height 28 inches.

**\*Grenadier.** 80c per 12; \$5.75 per 100.  
Dazzling brilliant orange, yellow base. Especially recommended for planting in borders in clumps for "high spots" in the color scheme. Height 21 inches.

**\*Honeymoon.** \$1.15 per 12; \$8.25 per 100.  
This new Hybrid Tulip, which is a soft primrose, much on the order of Moonlight, is a splendid variety in every way and a welcome addition to the pale yellow sorts. Height 28 inches.

**\*Inglescombe Pink.** 80c per 12; \$5.75 per 100.  
Salmon-pink, blue base; very brilliant. A great favorite in England where it is planted by the thousands, and is largely used as a cut flower. Exquisite with some light green foliage on a dinner table. Its delightful color indoors makes it one of the best. Height 28 inches.

**\*Inglescombe Yellow.** 80c per 12; \$5.50 per 100.  
Glossy canary-yellow. Large, globular flowers. Has the true shape of the Darwin Tulip, hence is often called the "Yellow Darwin." Height 28 inches.

**\*Isolde.** 95c per 12; \$7.00 per 100.  
Light yellow, long, pointed flowers. An improvement over Ellen Willmott. The lily-like blooms are carried on a substantially stiff stem 22 inches high.

**\*Jeanne Desor.** \$1.15 per 12; \$8.25 per 100.  
A rather striking color combination—a deep orange-yellow with a broad border of scarlet toward the edge of the petals. The long, well formed flower is of splendid substance, and borne on a strong, stiff stem. Height 28 inches.

**\*John Ruskin.** 85c per 12; \$6.00 per 100.  
Salmon-rose, edged lemon-yellow; inside deep rosy lilac, with margin of yellow; large flower of fine shape. Height 16 inches.

**Leda.** 95c per 12; \$7.00 per 100.  
A very lovely variety, best described as rosy red outside, peach-blossom inside, with splendid light blue and white base. The flowers are large, of excellent form, and are borne on strong stems, held well erect for the size of the flower. Height 25 inches.

**Lemon Queen.** \$1.15 per 12; \$8.25 per 100.  
A splendid Tulip of fine form and substance. Strong and vigorous grower. In color it is a pure soft yellow.

**Lohengrin. 3.** \$1.95 per 12; \$13.00 per 100.  
Bright rosy red with pure white center, very large, oval-shaped flower, tall and strong stem. Certainly one of the loveliest flowers lately introduced.

**Madame Buysens.** \$3.50 per 12; \$25.00 per 100.  
A Tulip of noble proportions, very fine clear yellow; large, gracefully formed flower on strong stem. An exceptionally fine yellow Tulip of outstanding merit. Height 26 inches.

**\*Marjorie Bowen.** \$2.30 per 12; \$15.50 per 100.  
A very unusual shade—a combination of buff and salmon which passes to deep rose-pink with salmon shading. The large, well formed flower is borne on a fine, strong stem. Height 24 inches.

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## Cottage and Hybrid Tulips—Continued.

- Mayflower. (True).** \$4.00 per 12; \$30.00 per 100.  
It is a beautiful fiery scarlet with glittering black center, reminding one of the brilliance of the Oriental Poppy, and is a result of a cross between Gesneriana Spathulata and the Botanical Tulip, Greigi. One of the latest of the May-Flowering Tulips to bloom. Height 30 inches.
- Mercurius.** \$2.45 per 12; \$17.00 per 100.  
A true Darwin type Tulip of a pleasing citron-yellow shade. The flowers are carried on tall, strong stems. This fine Tulip will find a deserving place, where a soft yellow among Darwin Tulips of even height is desired.
- \*Moonlight.** 85c per 12; \$6.00 per 100.  
Pale yellow of a lovely color; the flower is very long and of fine oval shape. Beautiful in the border among Irises or Bleeding Heart. Height 25 inches.
- Mongolia.** 80c each; \$8.50 per 12; \$65.00 per 100.  
This we consider one of the best of the recent introductions; it is one of the largest deep yellow varieties in existence. The flowers are egg-shaped, of great substance and carried on tall, strong stems. While the yellow color of this beauty is rather deep, it has a tone of softness, making it extremely desirable. Height 32 inches.
- \*Mrs. F. E. Dixon.** \$4.00 per 12; \$29.00 per 100.  
Of immense size, artistic and lovely in form, the softly colored, sulphury yellow bloom is carried upright on strong, stiff stem. The petals have a waxlike texture and are of a substance rarely met with. An excellent variety in every way, undoubtedly the finest of the Cottage Hybrids. Height 28 inches.
- Mrs. J. H. Wentholt.** \$2.45 per 12; \$17.00 per 100.  
A long or rather pointed pure golden yellow flower of great beauty and substance. A splendid new yellow Cottage for garden use. 27 inches high.
- Mrs. John T. Scheepers.** \$1.00 each; \$10.00 per 12; \$75.00 per 100.  
Elegantly formed, oval-shaped, large flowers of deep golden yellow, very clear of color, are carried on tall, thick, sturdy stems with clear green foliage. The entire plant is of the strongest development. The blooms are enormous with petals of unsurpassed substance and of fine lasting quality. A real giant among Tulips. This magnificent variety is recognized by experts as one that especially suits the American climate. Awarded highest honors whenever exhibited.
- Mrs. Kerrell.** 95c per 12; \$7.00 per 100.  
Opening salmon-rose, with age becoming rose, edged soft salmon, with blue and white base; pointed flower of open form. One of the most distinct colors among the Cottage Tulips. Height 18 in.
- \*Mrs. Moon.** 90c per 12; \$6.50 per 100.  
Tall yellow, vase-shaped flower, on sturdy stems. One of the loveliest yellow Cottage Tulips. Height 25 inches.
- Nectarine.** \$2.10 per 12; \$13.50 per 100.  
Another fine yellow among the new Tulips—a delightful primrose shade, flushed with apricot at the edges. A very attractive variety, splendid when planted in combination with mauve color Darwins. Height 26 inches.

- \*Orange King.** 80c per 12; \$5.75 per 100.  
Glistening deep orange, shaded rose, inside deep orange-scarlet with yellow base; sweet scented flower of great size and brilliant coloring. Height 23 inches.
- Perseus.** \$2.45 per 12; \$17.00 per 100.  
A very fine Tulip of a most attractive light orange. A large flower of Darwin shape and carried on a strong stem. Height 27 in.
- \*Picotee or Maiden's Blush.** 80c per 12; \$5.75 per 100.  
Long, clear white. The petals, which are pointed and elegantly reflexed, are beautifully margined and penciled on edges with bright pink. Height 26 inches.
- \*Scarlet Emperor.** \$1.50 per 12; \$10.50 per 100.  
Brilliant glowing dark scarlet, center clear yellow and black anthers; a long, large flower that does well in shady places. Height 24 inches.
- Queen of Spain.** \$4.00 per 12; \$30.00 per 100.  
A lovely cream colored flower flushed with pink. It is of excellent substance and carried on a stiff, wiry stem. Height 25 inches.
- Refulgence.** \$4.00 per 12; \$30.00 per 100.  
A Hybrid Cottage of compelling appearance. The 30-inch wiry stem is topped by a very large substantial flower of fine lasting qualities. The color is pleasing and unusual, a subdued orange with rich reddish tone.
- Solange.** \$1.55 per 12; \$10.75 per 100.  
General effect is a delightful citron yellow. The inside of the cup is tinted orange while the outside shows a soft yellow. A very fine Tulip for the garden.
- Vesta.** 90c per 12; \$6.75 per 100.  
A very fine flower of palest primrose changing quickly to purest white. Most attractively formed bloom equally well adapted for garden use and cutting. Height 29 inches.
- \*Viridiflora.** \$1.35 per 12; \$9.50 per 100.  
Large, well-formed, wide-open flower with pointed petals of a soft pale green edged with creamy yellow. A charming variety of extraordinary coloring. Very nice to cut with yellow or pink Tulips. Very scarce. Height 20 inches.
- Wall Street.** \$3.50 per 12; \$25.00 per 100.  
A new deep golden yellow Cottage which promises to become very popular. Its brilliantly lighted flowers are borne on 27-inch stems.
- Yellow Emperor.** \$2.45 per 12; \$17.00 per 100.  
A brilliant butter-yellow, rather long flower, considered by many one of the best yellow Tulips for garden planting in this shade. The flower is substantial, well formed and large. The foliage is short and not prolific, making this a very suitable variety for planting with Pansies, Forget-me-nots, or Dwarf Phlox. Height 26 inches.
- \*Zomerschoon.** \$4.50 per 12; \$33.00 per 100.  
Salmon-rose, flaked creamy white. The most beautiful Tulip in existence. Height 22 inches.

**\*Mixture of Cottage Tulips.** 80c per 12; \$5.50 per 100.  
This mixture contains many lovely varieties and will give you an abundance of cut blooms at very low cost. Only the best kinds, properly blended, are used in this mixture.

*Bizarre and Bybloem Tulips*

(Old Dutch Tulips)

Bybloem and Bizarre Tulips are "rectified" Breeder types. The Tulips are of an old race which has been grown in Holland and in France since the beginning of the seventeenth century, and which caused the famous Tulip craze in 1635. The Bybloems are queerly striped and feathered rose or violet on a white ground. The Bizarres have dark brown stripes and feathering on a yellow ground. They

flower about the same time as the Breeder and Darwin Tulips but do not grow quite so tall, and are seen at best advantage when planted in clumps in the herbaceous border or among evergreens and shrubs. They are above all sensational show Tulips. All form rare artistic beauty.

**Bizarres**

- Black Boy.** \$1.10 per 12; \$8.00 per 100.  
Fine, medium sized flower, with dark brown penciling on golden yellow ground. Height 21 inches.
- Bonaparte.** \$1.35 per 12; \$9.50 per 100.  
Light bronze, flamed yellow and mahogany. Height 21 inches.
- Gellert.** \$1.65 per 12; \$11.50 per 100.  
Large, well-formed golden yellow flowers, flushed and flecked a deep mahogany; very beautiful. Height 23 inches.

\*Bizarre and Bybloem Tulips Mixed. \$1.10 per 12; \$8.00 per 100.

**Bybloemen**

- Admiral Van Kingsbergen.** \$1.95 per 12; \$13.00 per 100.  
A large, beautiful flower on strong stem; pure white pencilings on a bright crimson field. Height 23 inches.
- Bacchus.** \$1.65 per 12; \$11.50 per 100.  
Extremely beautiful flower; violet-blue ground, with white flames. Height 32 inches.
- Insulinde.** \$1.50 per 12; \$10.50 per 100.  
Most attractive flower, showing a violet ground with yellow and bronze markings. Height 21 inches.

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# *Unnamed Tulips for Cutting*

## **A Selection of Varieties with Long Stems**

So that you may be able to have plenty of Tulip flowers to cut from your own garden, we have arranged with our grower in Holland a selection of large-flowering Tulips with long stems suitable for cutting. Instead of going to the extra expense of keeping the varieties separate, we have instructed him not to do so. Great care will be taken to see to it that each package contains the greatest variety possible in harmonious colors. There will be Darwin Tulips, Cottage Tulips, Breeder Tulips, and Lily-Flowered Tulips in the mixture. All will be long-stemmed varieties excellently suited for cutting, anyone who simply wants a few Tulips for a bright spot in the garden could not possibly do as well anywhere at any price. Sold in quantities of not less than 50 bulbs in original package.

### **Fine Big Bulbs of Unnamed Tulips for Cutting**

**50 for \$3.00**  
**100 for \$5.75**

**250 for \$14.00**  
**1000 for \$52.00**

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**THE GOLDEN ROSE OF CHINA (Hugonis)**, used with Tulips, at \$1.25 each for three-year-old plants. Hardy anywhere.

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## Single Early Tulips

Few, if any, of the spring-blooming flowers rival the Single Early Tulips for brilliancy of bloom or ease of culture. They are excellent subjects for formal beds on the lawn or for garden borders. While they do not possess the same size of bloom and length of stem as the May-flowering Darwin, Breeder and Cottage varieties, they are used where earlier blooms are desired. Many of the varieties may be

forced in bloom in January, while all of them may be easily had in flower in pots late in February or early March.

**Note:** The letters A, B, and C following the varieties indicate their relative earliness of bloom, but, with few exceptions, most of the varieties bloom outdoors about the same time when planted in masses. The figures indicate the height in inches.

- Brilliant Star.** A 12. 85c per 12; \$6.00 per 100.  
Bright vermilion-scarlet, same color as Vermilion Brilliant, but larger and of great substance. Splendid early forcer, flowering easily for Christmas.
- \*Couleur Cardinal.** C 12. 80c per 12; \$5.75 per 100.  
Brilliant crimson-scarlet with a deeper tone or bloom on the outer petals. A bed planted wholly of this variety is a grand sight. Fine for midseason forcing.
- \*De Wet.** B 16. 85c per 12; \$6.25 per 100.  
Golden yellow, flushed deep orange; large, sweet scented flower of erect habit. Quite different in color from any other variety.
- \*Flamingo.** B 12. 80c per 12; \$5.75 per 100.  
Carmine-rose, shaded lighter. The petals are striped white and very crinkled, giving the flower a decidedly artistic appearance. A very popular variety among florists for forcing on account of its odd color and habit.
- Fortuna.** \$1.20 per 12; \$8.50 per 100.  
Large, oval-shaped flower on tall stem. Silvery satin-rose, shaded fawn. With age the flower changes to soft rose. A very beautiful Tulip which received a Certificate of Merit at the International Flower Show in New York. Height 16 inches.
- \*Fred Moore.** B 12. 80c per 12; \$5.75 per 100.  
An improved form of Thomas Moore. Deep, ruddy apricot, shading at the edges of the petals to dull orange-yellow; center marked olive-green; medium sized flower; sweet scented. A lovely color when forced.
- Golden Brilliant.** A 14. 90c per 12; \$6.50 per 100.  
Deep golden yellow, egg-shaped, very substantial flowers carried on tall stems, which makes them excellent for forcing. One of the earliest yellows which should be much more used for early forcing.
- \*Keizerskroon.** A 15. \$1.05 per 12; \$7.50 per 100.  
Bright crimson-scarlet, edged clear, rich yellow; excellent, large flower on long stem. Fine bedder; splendid for forcing.
- Lady Boreel.** B 13. 85c per 12; \$6.00 per 100.  
Large, long, snowy white flower of splendid shape. The finest white for bedding, and superb for pots or pans. Cannot be forced as early as White Beauty.
- \*Le Reve (Hobbema).** C 14. 85c per 12; \$6.00 per 100.  
This variety is excellent for late bedding. The color is old rose, flushed buff; very large, globular flower with rounded petals and carried on a strong stem.
- \*Mon Tresor.** A 12. 85c per 12; \$6.00 per 100.  
Large, pure golden yellow flowers. Mostly used for growing in pots or pans, for which purpose it is best.
- \*Moonbeam.** B 14. \$1.15 per 12; \$8.25 per 100.  
Deep primrose-yellow, shading to soft canary at the edges; very large flower of graceful form. An improved form of Primrose Queen.

- \*Pink Beauty.** C 12. 90c per 12; \$6.50 per 100.  
Bright cherry-rose, center of petals striped white. It has no equal as a bedder, for the stem is strong and the white center of the big, fleshy petals shows up very conspicuously against the broad, vivid rose edges. Does well in pans, but not before March.
- \*President Lincoln.** B 12. 85c per 12; \$6.00 per 100.  
Large flower of clear magenta-violet, slightly paler in tone when grown indoors. A variety that looks well when bedded out with a pale yellow variety.
- \*Prince of Austria.** B 14. 80c per 12; \$5.75 per 100.  
Brilliant orange-scarlet, with a clear yellow base. The flower is large and of a very attractive shade when forced. A splendid bedding variety as well.
- Proserpine.** A 14. 80c per 12; \$5.75 per 100.  
Rosy carmine, with a white center marked slate-blue; very large, globular flower. One of the easiest and earliest forcing Tulips; very sweet scented.
- \*Rising Sun.** B 15. 80c per 12; \$5.75 per 100.  
A variety used for exhibition on account of its pure yellow color and wonderful size and substance. The finest golden yellow Early Tulip introduced to date.
- \*Rose Luisante.** C 10. 85c per 12; \$6.25 per 100.  
Large, brilliant, deep rose-pink flower. Splendid for bedding or pots.
- Sunburst.** \$1.40 per 12; \$10.00 per 100.  
Yellow flushed red. Somewhat similar to Keizerskroon. A brilliant variety for garden planting. May also be forced.
- Van Der Neer.** B 12. 80c per 12; \$5.75 per 100.  
Dark purple flower of a most brilliant tone and splendid shape.
- \*Vermilion Brilliant.** A 12. 80c per 12; \$5.75 per 100.  
Bright, glistening scarlet, with a yellow base; very large flower of perfect shape. Splendid for early forcing.
- White Beauty.** C 13. \$1.20 per 12; \$8.50 per 100.  
A very lovely sport from Pink Beauty, with large, white flowers of beautiful, globular form and great substance. Splendid for forcing and excellent for outside bedding when used with Pink Beauty.
- \*White Swan.** C 14. 80c per 12; \$5.75 per 100.  
A lovely, graceful early Tulip for the garden. Large, oval, pure white flower on long, curving stem. Goes very well with purple Pansies or under Wisteria.
- \*Superb Single Mixed.** 80c per 12; \$5.50 per 100.  
This is our own special mixture which we recommend where the best results are desired in beds of mixed colors. This mixture is made up of hundreds of named sorts and in equal proportion of each variety.

## Double Cottage Tulips

These flower at the same time as the Single Cottage Tulips. They are thankful for a little shading against the hot midday sun which will enable them to carry their heavy blossoms erect.

- Bleu Celeste.** \$1.15 per 12; \$8.25 per 100.  
Large, violet-purple Tulip flowering later than any other double sorts. It is very fine for indoor decoration and for the garden. Height 18 inches.
- Mount Tacoma.** \$3.50 per 12; \$26.00 per 100.  
A very fine immense double Tulip, almost like a full blown Peony; the petals are of the purest white with yellow suffusion at the base. Height 24 inches.

## Rembrandt Tulips

Rembrandt Tulips are nothing more or less than Darwin Tulips in which white, lavender, red and other colored stripes or flakes have appeared. The blending of colors is at all times in perfect harmony and most attractive and colorful. They are especially fine when used for cut flowers. They bloom at the same time as the Darwins and require the same care. We advise their use in a mixture only.

- \*Finest Mixed Rembrandt Tulips.** \$1.05 per 12; \$7.50 per 100.

*p. s.* Named varieties of Rembrandt Tulips are not worth growing; the most attractive effect is obtained from a mixture of colors.

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## Parrot Tulips

The artistic form and coloring make them especially suitable for cut flower purposes. In the garden, if planted in borders or groups, they are not always satisfactory as they lack the vigorous, straight stems of the other Tulips with the exception of the new varieties which have straight and tall stems as the Darwin Tulips. They are extremely effective planted in long drifts in front of evergreens.

**Blue Parrot.** \$3.00 each; \$35.00 per 12.

A glorious Parrot Tulip of bright violet shaded steel blue. The unusual flower is large and carried erect on a strong 30-inch stem. A rare novelty.

**Capriccio.** \$4.75 per 12; \$35.00 per 100.

Salmon-pink feathered and flamed white. A truly fascinating flower carried on 27-inch stem.

**\*Eleanora.** \$7.00 per 12; \$50.00 per 100.

A purplish violet Parrot Tulip of great substance, extremely large flower with heavy petals. Free flowering, strong and stiff stem; very fine.

**\*Fantasy.** \$1.25 per 12; \$9.00 per 100.

The loveliest Tulip grown. The color is the same as the Darwin Clara Butt, with the same habits as to height, strength of stem, and time of flowering. The flowers are quaint and of beautiful form, the petals being lacinated, having curious excrescences on the outside. (Color illustration, page 18).

**\*Gadelan.** \$2.00 each; \$23.00 per 12.

Violet and mauve, with purple shadings, center white. Violet form of Parrot Tulip, Sensation. A very lovely variety, the sensation at every flower show. Height 22 inches. (Color illustration, page 18).

**Gemma.** 95c per 12; \$7.00 per 100.

White flushed apple-blossom-pink. A very good new Parrot Tulip, much loved as a cut flower.

**Lady Derby.** \$2.45 per 12; \$17.00 per 100.

Very similar to Fantasy but lilac in color. The petals become lighter towards the edges.

**Opal Queen.** \$2.25 each; \$25.00 per 12.

Here we come close to perfection. A flower of remarkable size, colored a delicate and beautiful pearly blue. The stem is 27 inches tall and carries the flower very gracefully. A rare novelty.

**\*Mixed Parrot Tulips.** 70c per 12; \$5.25 per 100.

This mixture is made from the old-fashioned varieties which we do not recommend.

## Chameleon Tulips

Here we have a collection of new Tulips which in form and shape resemble the Darwin Tulips; the coloring, however, reminds one of the Cottage Tulip Picotee.

When Chameleon Tulips first come into bloom they show only faint tracings or delicate margins of pink on the edges of the flower petals, with the development and consequent aging of the bloom these markings enlarge and gradually spread over the entire flower. The blossoms never look the same from day to day and it is truly fascinating to watch this change of color taking place.

**Amie Newell.** \$2.10 per 12; \$13.25 per 100.

Opening white with a beautiful bright wine-red border, later suffusing the entire flower to a clear wine-red. A flower of perfect Darwin Tulip form. Height 22 inches.

**Baby Love.** \$1.60 per 12; \$11.25 per 100.

White, delicate bright red border on each petal, not too broad. Does not change color till in full bloom. Has good lasting qualities. Height 22 inches.

**Dina Dyck.** \$1.60 per 12; \$11.25 per 100.

One of the finest in this class. Large, strong flower, opening deep rose, then turning to deep pink when in full bloom. Very tall strong stem. Height 27 inches.

**Henry Henti.** \$2.10 per 12; \$13.25 per 100.

White with light red border on each petal. One flower often differs from the other in coloring; sometimes some of them will turn red. This has always been one of the most attractive varieties in our Chameleon collection. Height 25 inches.

**Peasant Maid.** \$1.60 per 12; \$11.25 per 100.

Opening white and rose, becoming a lovely rosy red when in full bloom. This variety has been greatly commended by all who have seen it. Large flower of good substance, which is carried on a strong stem. Height 23 inches.

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**Pink Wonder.**

\$1.60 per 12; \$11.25 per 100.

This is a combination of white and rosy red markings on the border, later suffusing the flower partly. A very delightful new variety. We recommend it fully. Height 23 inches.

**Wayside's Wonder.**

\$4.00 per 12; \$30.00 per 100.

Opening pure white with a delicate deep red picotee edge. This narrow band of color spreads and becomes more beautiful as the flower ages, softening in tone until the entire flower has turned to rose-pink. Then as well as at opening it is a delightfully lovely Tulip. Height 24 inches.

**\*Chameleon Tulips in Mixture of the Above Varieties as well as many others not yet offered.** \$1.25 per 12; \$8.50 per 100.

Parrot Tulip, Fantasy







## Double Early Tulips

Double Tulips are chiefly grown for their show effects in masses, and are very lasting. Where a display of color is desired they are very satisfactory. Excellent for growing in pots or pans but should not be

forced into bloom very early.

The following list contains many of the best novelties, as well as worth-while standard sorts.

- \*Couronne d'Or.** B 10. 80c per 12; \$5.75 per 100.  
Large, bold flower of rich golden yellow, shaded copper. Excellent for bedding and winter forcing.
- \*El Toreador.** B 12. 90c per 12; \$6.50 per 100.  
Bright orange-scarlet, with broad margin of buff-yellow. Excellent for pots or bedding.
- \*Electra.** B 13. 80c per 12; \$5.75 per 100.  
Beautiful deep rose flowers of enormous size, feathered violet. Excellent for exhibition. Height 12 inches.
- \*Imperator Rubrorum.** B 10. 85c per 12; \$6.00 per 100.  
Excellent scarlet for bedding and forcing. Still remains among the best of the older varieties.
- Marechal Niel.** \$1.15 per 12; \$8.25 per 100.  
A bright orange-yellow Tulip of great beauty and substance; its color resembles that of the famous Marechal Niel Rose. The best in this color for forcing.
- \*Mr. Van der Hoef.** A 12. 80c per 12; \$5.75 per 100.  
A yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow, double Tulips. A very lovely flower.
- \*Murillo.** C 12. 80c per 12; \$5.75 per 100.  
Delicate rose-pink, flushed white. Fine for bedding, and excellent for forcing.
- Mystery of India.** B 12. 95c per 12; \$7.00 per 100.  
Terra cotta and orange, slightly shaded old rose; large, well-formed flower on a strong stem.

- Orange Nassau.** B 12. 90c per 12; \$6.50 per 100.  
A rather unusual color in Double Tulips—orange-red. A sport from that popular variety, Murillo. Very effective for planting in beds or borders.
- Peach Blossom.** B 12. 80c per 12; \$5.75 per 100.  
Bright rose-pink, flushed white, deepening with age to carmine-rose; large. Excellent for pots.
- \*Safrano (Tea Rose).** C 12. 80c per 12; \$5.75 per 100.  
Of a pleasing saffron-yellow as the old tea Rose.
- \*Schoonoord.** B 12. 90c per 12; \$6.50 per 100.  
A beautiful, pure white sport of Murillo, with the same excellent forcing qualities. One of the best double white varieties, if not the best.
- Snowball.** \$1.05 per 12; \$7.50 per 100.  
A pure white form of the well known Murillo. Excellent for forcing and garden planting.
- Triumphator.** 85c per 12; \$6.00 per 100.  
A lovely rose-pink, one of the finest for bedding and very beautiful when grown under glass. Height 12 inches.
- \*Vuurbaak.** B 12. 80c per 12; \$5.75 per 100.  
Brilliant scarlet, when fully open the flower gets an orange hue. One of the best scarlets for bedding.
- \*Mixed Double Tulips.** 80c per 12; \$5.50 per 100.  
This is our own special mixture which we recommend where the best results are desired in beds of mixed colors. Made up of the best named sorts and in equal proportions of each variety.

Murillo Tulips Grown in Bulb Fiber





## Botanical Tulips and Species

Tulip species, coming as they do from southern Europe and Asia, should all be planted in dry, sun-baked locations. No water should reach the bulbs during the summer.

The following collection of Tulip Species or Botanical Tulips includes a great number of beautiful and interesting varieties, which show a bewildering variation in size and shape of flowers, structure

of the leaves, habits, etc., and they only have in common that they grow wild in some part of the world, Asia Minor, Central Asia, Greece, the Mediterranean, etc. Cultivation has not modified them and they may be planted in the rock garden between creeping plants or in colonies in small, warm nooks, a situation where the larger flowered Garden Tulips would be out of place. (Varieties offered by the dozen we will gladly supply in quantity of three).

- Acuminata (Cornuta stenopetala).** \$2.15 per 12; \$14.00 per 100.  
The long, very narrow tapering petals end almost in a thread-like point. One of the most unusual and distinct species. The long flower is yellow streaked with orange-red. Height 15 inches. (Color illustration, page 23).
- \*Australis (Celsiana).** \$1.35 per 12; \$9.50 per 100.  
A small nodding yellow flower, flushed red on the outside of the petals. Height 10 inches.
- Batalini.** \$6.00 per 12; \$45.00 per 100.  
An exquisite, soft yellow, dwarf growing species. The yellow counterpart to *T. linifolia*. Height 7 inches.
- Biflora.** \$2.30 per 12; \$15.50 per 100.  
Miniature Tulip, white starry flowers with yellow center, three or more on one stem. Height 6 inches.
- \*Chrysantha.** \$1.10 per 12; \$8.00 per 100.  
Small flower on slender stem, yellow exterior of petals often flushed with copper-red, very charming. Height 6 inches.
- \*Clusiana.** 90c per 12; \$6.50 per 100.  
A charming species, known as the Lady Tulip. Small flower on 14-inch stem, white, exterior crimson, dark blue base. (Color illustration, page 18).
- Dasystemon.** \$2.20 per 12; \$14.50 per 100.  
A dwarf growing species, white flowers with bright yellow eye. Usually blooms with 3 to 5 flowers on a stalk. Height 6 inches.
- \*Eichleri.** 80c per 12; \$5.75 per 100.  
Splendid, large crimson-scarlet flowers, yellow and black center, effective in the flower border or rock garden. Height 12 inches. (Color illustration, page 23).
- Fosteriana.** \$2.50 per 12; \$17.50 per 100.  
Vermilion-scarlet, center yellow or black, extra large flowers. The most magnificent of all Tulip species. Height 16 inches.
- Fosteriana, Defiance.** \$4.75 per 12; \$35.00 per 100.  
Vermilion-scarlet, rounded petals, handsome clear yellow base. Height 14 inches.
- Fosteriana, Red Emperor (Mad. Lefeber).** \$7.00 per 12; \$50.00 per 100.  
Magnificent variety, large rounded vermillion-scarlet petals; handsome black, yellow bordered base. Height 18 inches.
- \*Greigi.** \$6.00 per 12; \$45.00 per 100.  
One of the most beautiful of the wild Tulips, distinguished by the leaves, which are mottled with brown purplish dots. The flowers are of large size, vivid orange-scarlet with black center. A splendid rock garden Tulip. Height 9 inches. (Color illustration, page 23).
- \*Hageri.** \$1.20 per 12; \$8.50 per 100.  
Small flowers, coppery red with dark base, very distinct, inside a dusky copper. Height 6 inches.
- \*Kaufmanniana.** \$1.50 per 12; \$10.50 per 100.  
White and yellow, pink outside, called the Waterlily Tulip, as the expanded flowers resemble a Nymphaea. The earliest to flower of all Tulips, large flowers. Height 8 inches. (Color illustration, page 18).
- Kaufmanniana, Brilliant.** \$3.50 per 12; \$25.00 per 100.  
Brilliant Turkish red. Height 8 inches.
- Kaufmanniana, Gaiety.** \$2.30 per 12; \$15.50 per 100.  
The pure white flowers which have a very short stem, seem to rest on the leaves. Height 6 inches.
- Kaufmanniana, Primrose.** \$2.75 per 12; \$18.50 per 100.  
Soft primrose-yellow with dark yellow center. Height 8 inches.
- Kaufmanniana Hybrids in Mixture.** \$2.15 per 12; \$14.00 per 100.  
The many horticultural forms of this species are most attractive in a mixture, reminding one of several kinds of Water Lilies.
- Kolpykowskyana.** \$1.75 per 12; \$12.00 per 100.  
Yellow, outside scarlet striped. A beautiful species, carrying its flowers on slender stems. Height 14 inches.
- Lanata.** \$4.00 per 12; \$30.00 per 100.  
A tall growing species of the oculus-solis group. Large, brilliant red flower with black and yellow center, very distinct and beautiful. Height 20 inches.
- \*Linifolia.** \$4.50 per 12; \$33.00 per 100.  
Charming for the rock garden. Narrow undulated leaves, small brilliant scarlet-vermilion flowers with black base. Height 8 inches.
- \*Marjoletti.** 95c per 12; \$7.00 per 100.  
Very pale yellow, exterior edge of petals rosy red, very charming in the rockery. Height 16 inches. (Color illustration, page 23).
- \*Mauriana.** \$1.15 per 12; \$8.25 per 100.  
A brilliant scarlet flower with golden center. Blooms early in April. Height 20 inches.
- \*Persica (Breyniana).** \$4.75 per 12; \$35.00 per 100.  
Yellow, outside bronze, dwarf and late. Two or three flowers on one stem. Height 8 inches. (Color illustration, page 23).
- Polychroma.** \$2.75 per 12; \$18.50 per 100.  
White, yellow center, a beautiful small growing Persian species. The bulb is woolly coated.
- \*Praestans.** \$1.35 per 12; \$9.50 per 100.  
A fine tall growing species, several scarlet flowers to each stem. Height 10 inches. (Color illustration, page 23).
- Praestans, Tubergen's Var.** \$1.40 per 12; \$10.00 per 100.  
Somewhat dwarfier and earlier, flowers scarlet-orange, often two on each stem. Height 12 inches.
- Praestans, Zwanenburg Var.** \$1.35 per 12; \$9.50 per 100.  
Bright vermillion-red, extra free. Height 18 inches.
- Saxatilis.** \$4.75 per 12; \$35.00 per 100.  
Very rare, bearing often two lilac flowers with yellow center on each stem. Should be planted in warm position as the leaves appear early. Height 14 inches.
- \*Sprengeri.** \$4.85 per 12; \$37.00 per 100.  
The latest of all Tulips. Very distinct, uniform scarlet with yellow anthers; late. Height 10 inches.
- \*Sylvestris (Florentina Odorata).** 80c per 12; \$5.75 per 100.  
Small flowers golden yellow, usually in pairs and nodding, fragrant, recommended for wild gardening. Height 16 inches.
- Sylvestris, Var. Tabris.** \$2.30 per 12; \$15.00 per 100.  
A free flowering broad-petalled form introduced by us from Persia, the flowers are lemon-yellow colored. Height 16 inches.
- Tubergeniana.** \$3.75 per 12; \$27.00 per 100.  
Scarlet with black center, gigantic. Height 10 inches.
- Turkestanica.** \$1.15 per 12; \$8.25 per 100.  
Miniature Tulip, many flowered, white, yellow center. A lovely rock garden subject. Height 10 inches.
- Violacea.** \$4.00 per 12; \$30.00 per 100.  
Clear violet with yellow base, rare Persian Tulip. Height 6 inches.
- Violacea Humilis.** \$4.00 per 12; \$30.00 per 100.  
A dwarf growing species with lilac flowers and yellow center. Height 8 inches.
- Violacea Rosea.** \$2.45 per 12; \$17.00 per 100.  
Soft pink, clear blue base, very pretty. Height 6 inches.
- Wilsoniana.** \$2.30 per 12; \$15.50 per 100.  
One of our recent introductions from Trans-Caspia. The whole plant does not exceed 8 inches. The flowers are deep vermillion-red with small blue base.

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## Dutch Iris

### Improved Spanish Iris—For Garden Planting.

This very distinctive group is of recent origin and has in a few years won international recognition. The flowers are not only superior in substance, brilliancy and purity of color but also earlier, larger and of greater refinement than the old Spanish Iris. The new hybrids we offer are readily distinguished by the narrow orange stripe on the falls, while the older varieties have a larger yellow blotch. These

Iris are unsurpassed as cut flowers, since they will stand any amount of handling, lasting fully a week in water. Their hardiness and interesting color range have made them very popular for garden planting. In extreme climates they need some protection. The varieties we list have been carefully selected to give the full range of colors.

- \***A. Bloemaard.** 85c per 12; \$5.50 per 100.  
Standards dark purplish blue; falls lighter blue; very large flower; early. 20 inches.
- Adrian Backer.** 90c per 12; \$5.75 per 100.  
Uniform purple-lilac; good substance. 20 inches.
- D. Haring.** 75c per 12; \$4.50 per 100.  
Standards greyish white; falls pure white; very large flower of great substance; early. 26 inches.
- E. B. Garnier.** 70c per 12; \$4.25 per 100.  
Standards and falls uniform deep blue. The improved Emperor. 24 inches.
- \***Golden Bronze.** \$1.45 per 12; \$9.75 per 100.  
Standards dark violet-edged bronze, falls attractive golden bronze, very beautiful. 22 inches.
- \***Golden Glory.** 85c per 12; \$5.50 per 100.  
Standards golden yellow, falls darker; the dark Yellow Queen. 24 inches.
- \***Jacob De Wit.** 75c per 12; \$4.75 per 100.  
Standards very dark blue; falls dark blue. A very early Iris of remarkable substance; the best medium-priced blue. 22 inches. (Color illustration, page 30).
- J. Mathan.** 85c per 12; \$5.50 per 100.  
Beautiful novelty; pale cornflower blue self color. 24 inches.
- \***Leonardo da Vinci.** 75c per 12; \$4.50 per 100.  
Standards creamy white; falls canary-yellow with orange stripe; very large flower; early. 28 inches.

- \***Poggenbeeck.** 70c per 12; \$4.25 per 100.  
Standards and falls uniform dark blue; great improvement on Emperor. 30 inches. (Color illustration, page 30).
- \***Therese Van Duyll-Schwartz.** 75c per 12; \$4.50 per 100.  
Standards pale cornflower-blue; falls pure white, with very narrow orange stripe; excellent cut flower. 24 inches.
- \***White Excelsior.** 85c per 12; \$5.50 per 100.  
Uniform pure white; falls very broad, very good form and substance; very early forcer; the best medium priced white. 22 in.
- \***W. Verschuur.** 90c per 12; \$6.25 per 100.  
Standards violet, tinged bronze; falls bronze. Excellent novelty. 28 inches.
- \***Yellow Queen.** 95c per 12; \$6.50 per 100.  
Standards and falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow. 28 inches. (Color illustration, page 30).
- \***Mixed.** 70c per 12; \$4.25 per 100.  
A lovely mixture made up of the above varieties.

100 Bulbs in 10 Varieties for \$4.50.

This collection will be made up of 10 distinct varieties of our selection, selected from the varieties offered above. They will be labeled and packed separately. Just the thing for the hardy border.

## English Iris

- \***Choice Mixed Shades.** 95c per 12; \$6.50 per 100.  
These magnificent bulbous Irises thrive in any ordinary garden soil but prefer a good loam. The earlier the planting, after beginning of September, the greater the success; the bulbs should be planted 4 inches deep. The varieties contained in our mixture, we have especially selected as being the very finest and most distinct in cultivation, and they will be found as strikingly beautiful in color as many of the sumptuous orchids. They flower from end of June to beginning of July, thus succeeding the Bearded Flag Irises, Early Xiphium and Spanish Irises. As cut flowers they take a first place.

### NAMED VARIETIES

- Mont Blanc.** \$1.30 per 12; \$8.75 per 100.  
Pure white; blooms often two or three on one stem.
- Othello.** \$1.30 per 12; \$8.75 per 100.  
Rich dark blue flowers of excellent substance.
- Queen of the Blues.** \$1.60 per 12; \$11.25 per 100.  
Pure light blue flowers. A lovely sort for the garden as well as for cutting.
- Royal Blue.** \$1.30 per 12; \$8.75 per 100.  
A lovely violet-blue flower of good lasting quality.
- Sir Wm. Mansfield.** \$1.60 per 12; \$11.25 per 100.  
Clear purple-blue flowers; exceptionally good for cutting.

## Iris Pavonia

(Peacock Iris)

- Iris Pavonia.** \$1.45 per 12; \$9.75 per 100.  
A showy little South African Iris growing a foot tall. The lovely pure white flower petals are marked with a triangle of blue, giving a Peacock-eye effect. Fine for borders and rock garden planting. Perfectly hardy.

## Spanish Iris

- Golden Wonder.** \$2.45 per 12; \$16.75 per 100.  
Standards and falls golden yellow, both very much frilled. A very graceful and attractive flower and the only Spanish Iris really worth listing. 26 inches.

## Iris Tingitana Hybrid

Especially Recommended for Early Forcing in Greenhouse.

- \***Wedgewood.** \$1.45 per 12; \$9.75 per 100.  
Standards blue; falls lighter blue; excellent forcer. Supplied in top size bulbs only; suitable for forcing. 24 inches.

## Iris Reticulata

Fragrant Iris.

- \***Reticulata.** \$2.10 per 12; \$13.00 per 100.  
This lovely species is one of the treasures of the garden or rock garden. It can be described as a small form of the Spanish or Dutch Iris. Its main value lies in the fact that it may be forced into bloom in the house with the greatest ease. Six or eight bulbs put into a 4- or 5-inch pot when received will bloom about Christmas time. The fragrant blossoms remind one of a bunch of fresh violets. Perfectly hardy with reasonable protection. It is one of the loveliest early flowering bulbs for the rockery. To show it off well, plant a number of bulbs under the white Arabis Alpina; you'll enjoy the results more than we can tell you. (Color illustration, page 30).

*p. s.* Iris orientalis, Japanese and German Iris are hardy plants and are therefore not listed in our Bulb Catalog. Complete collections are offered in our Hardy Plant Catalog, a copy of which will be sent you upon request.

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## Hyacinths

Truly a precious source of scent and color, at a time when other flowers are still too shy or fearful to venture forth. No other plant in early spring displays such an abundance of jubilant tones of red, rose, lavender, purple, blue, yellow and orange. No other spring plant enriches our parks and gardens with a heart-lifting fragrance so soon after the snow is gone. No other plant requires so little coaxing to give its all, either in the garden or in the house. As house plants, in bowls with bulb fiber or on glasses filled with pure water, or in good old-fashioned clay pots and pans with garden soil, its "rising spire," colorful and fragrant, effects a rare and perfect quality of delight.

The most graceful Hyacinth plant is produced from bulbs about 16 to 18 centimeters in circumference. These sizes are the most suitable for outdoor planting in formal parks or in drifts. The larger, say 17 to 18 centimeters, are ideal for bowls with fiber, or clay pots and pans with soil. It is an economical grade, selling at 30 to 40 per cent less than the "top sizes." Top sizes should be used for water glasses, and for contests at shows or by those who desire the finest and largest blooms.

The New Multiflora or many-flowered Hyacinths are a new development and not generally known. These bulbs have been subjected to a special cultural treatment which prompts them to produce from 6 to 8 graceful spikes from one bulb. Delightful to look at and easily grown indoors. When buying Hyacinths, remember that size does not indicate quality. The larger the bulb the larger the bloom. Quality is necessary in all sizes in order to obtain good flowers. For 1936 we have reserved for you bulbs of the finest stock in Holland. Reports received this spring from customers who grew our Hyacinths last year have been most enthusiastic and gratifying.

### *New Multiflora Hyacinths*

By a special cultural treatment Hyacinth bulbs can be grown which will produce from 6 to 10 excellent flowers on one bulb. It is rather a difficult thing to do, but when done, something really worthwhile has been accomplished. We have secured about 7000 bulbs of these Hyacinths. A thousand more or less of each color. If you like to grow bulbs in the house, here is an opportunity you must not overlook. They are easily grown in Wayside Gardens Bulb Fiber or earth. Each bulb will come carefully packed in a small box. Cultural instructions will go with each order. Don't pass up the opportunity of having some big clusters of fragrant, colorful flowers this winter. They may, of course, also be grown in the garden.

	Each	Per 12
Multiflora Hyacinths, Pink .....	\$0.35	\$4.00
Multiflora Hyacinths, Pale Blue .....	.35	4.00
Multiflora Hyacinths, Dark Blue .....	.35	4.00
Multiflora Hyacinths, Red .....	.35	4.00
Multiflora Hyacinths, White .....	.35	4.00
Multiflora Hyacinths, Yellow .....	.35	4.00
Multiflora Hyacinths, Rose .....	.35	4.00

### *French Roman Hyacinths*

The early Roman Hyacinth, with its graceful spike of fragrant bells, is one of the earliest of all winter-flowering bulbs.

New-crop bulbs will be ready in September, when they may be planted in pots or pans of a compost containing two-thirds fibrous loam and one-third sand. They may also be placed in the more artistic ornamental bowls now available in any china store, using our prepared Bulb Fibre as a filler, which only needs to be kept continually moist, requires no additional fertilizer, and in which the bulbs thrive and bloom luxuriantly. Bulbs planted in September bloom in December.

	Per 12	Per 100
White. Extra large bulbs .....	\$1.50	\$ 9.75
Blue. Extra large bulbs .....	1.50	9.75
Pink. Selected bulbs .....	1.50	9.75

Roman Hyacinths, as well as Paper-White Narcissi, are very easily grown in Wayside Gardens Bulb Forcing Fiber.

Wayside Gardens Exhibition Hyacinths  
can be relied upon as the best.

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## Hyacinths for Exhibition and Garden

No one would have expected that our old Mother Earth contained such entrancing fragrance had not Hyacinths, by some miracle of alchemy, revealed it to us.

Here, too, we have it combined with the widest possible range of color.

They open to greet us before the new spring dawns, if we but give them a share of our garden, and pour out their incense as if in token of their gratitude and thanks for their deliverance from a long imprisonment.

	Each	12	100
<b>Largest Bulbs for Forcing and Indoor Culture.</b>			
19 centimeters or over, except where noted	\$0.20	\$2.00	\$16.00

	12	100
<b>Smaller Bulbs for Indoor or Outdoor Culture.</b>		
17 to 18 centimeters, except where noted	\$1.80	\$12.00

### Albatros (Arentine Arendsen).

One of the finest whites; long spikes with large, snowy white bells. Early, fine for forcing and a good bedder.

### \*City of Haarlem.

The finest of the yellows. Well-formed trusses of orange-yellow bells. An excellent variety.

### \*Duke of Westminster.

Deep purplish blue, large bells with white center. A striking and outstanding variety, universally liked.

### Dr. Lieber.

Lavender-blue, shaded violet, the general effect being deep blue. Bears large, compact spikes.

### \*Electra.

Light, silvery blue with immense, well-filled spikes. Early and one of the finest light blue Hyacinths.

### Forget-me-not (Myosotis).

An even tone of light blue; well-filled spike of large, substantial bells. A fine Hyacinth.

### \*General de Wet.

Lively light pink with a lighter center; large trusses with good sized bells. Fine for forcing or bedding.

### \*Grand Maitre.

Deep blue with long, compact spikes of large bells, on strong stems. One of the most popular blues.

### \*King of the Blues.

Dark violet-blue; splendid large trusses. One of the best known blue Hyacinths.

### \*Lady Derby.

Beautiful clear rose-pink, with large, compact trusses. Early and fine for forcing and bedding.

### \*La Grandesse.

Pure white with fine, compact spikes. The best late forcing variety and fine for bedding as well.

### \*L'Innocence.

This is the most satisfactory all-around pure white. Compact spikes with large bells. Does well anywhere.

### \*La Victoire.

Shiny carmine-red, with large, well-filled spikes. A splendid bedder where brilliant color is required.

### \*Marconi.

Bright deep rose; short, broad trusses, borne on stiff stems. A good forcer but particularly fine outdoors.

### \*Menelik.

Very dark, almost purple; well-formed trusses. A splendid bedder and good for forcing.

### \*Perle Brilliant.

Light blue, tinged lavender; splendid spikes with large, substantial bells. A fine Hyacinth.

### \*Queen of the Blues.

Clear, light porcelain-blue; a strong variety with large, well-formed trusses. One of the best of its color.

### \*Queen of the Pinks.

A very lovely pink; trusses broad and large, with good sized bells and strong stems.

\*Yellow Hammer. Creamy yellow; compact spikes and large bells.

## Choice New Hyacinths

### Herald.

19 centimeters, 25c each; \$2.75 per 12; \$20.00 per 100.  
17-18 centimeters, \$1.90 per 12; \$14.00 per 100.

The earliest of the Dutch Hyacinths. It is a new variety still little known, but we consider it the finest pink for early flowering and with care it may be had for Christmas. Does splendidly in Wayside Gardens Bulb Fiber. The large, clear rose-pink bells of perfect form are carried on a stiff stem.

### Ivanhoe.

19 centimeters, 20c each; \$2.00 per 12; \$16.00 per 100.  
17-18 centimeters, \$1.80 per 12; \$12.00 per 100.

The bluest and most satisfactory of the dark shades. A great improvement over King of the Blues. Late flowering, excellent for bedding or forcing.

### Mont Rose.

19 centimeters, 30c each; \$3.00 per 12; \$22.00 per 100.  
17-18 centimeters, \$2.75 per 12; \$20.00 per 100.

A fine clear rose-pink bloom, good stem and habit, considered by many better than Lady Derby.

### Pink Pearl.

19 centimeters, 40c each; \$4.00 per 12; \$26.00 per 100.  
17-18 centimeters, \$2.75 per 12; \$20.00 per 100.

A fine improvement over Gertrude. It is far superior in every way. As an indoor flower or in the garden it leaves nothing to be desired.

### Princess Margaret.

19 centimeters, 30c each; \$3.00 per 12; \$21.00 per 100.  
17-18 centimeters, \$2.75 per 12; \$19.00 per 100.

A very fine novelty. The flower is large and perfectly formed. Color a clear soft pink. It is by far the best pink Hyacinth, both as to size and color.

## Bedding Hyacinths

Special named varieties in distinct shades of color, to flower at the same time. Bulbs measure 6 to 7 inches in circumference.

The Hyacinth chosen to represent each of the following shades of color is a variety which we have found from trials will be best in the three essential requirements: Best in its color; stoutest stem; largest truss of bells; so our customers will know that we are not using less expensive varieties that are of weak stem, and that do not support the blooms.

**Culture:** These Hyacinths should be planted from 6 to 10 inches apart, and covered with at least 4 inches of soil from the top of the bulb. For beds or borders close to the conservatory or dwelling, 6 inches will make a fine display; but where the beds are planted to be viewed from a distance, they may be planted 10 inches apart. Hyacinths planted alternately with Narcissi produce a most graceful effect, and for this combination 6 inches from bulb to bulb is also a very suitable distance. It is advisable to cover, after the bulbs have been planted, with leaves or some heavy material that will prevent them from freezing or being affected by early spring frosts after they have started. Hyacinths, as well as Narcissi, should be planted by November first in this latitude, as they are the better for early planting. Tulips may be planted up to December first, weather permitting.

	Doz.	100	1000
Matchless Bedding Scarlet	\$1.00	\$8.00	\$75.00
Matchless Bedding Light Pink	1.00	8.00	75.00
Matchless Bedding Dark Pink	1.00	8.00	75.00
Matchless Bedding Light Blue	1.00	8.00	75.00
Matchless Bedding Dark Blue	1.00	8.00	75.00
Matchless Bedding Pure White	1.00	8.00	75.00
Matchless Bedding Yellow	1.00	8.00	75.00

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## Crocus Vernus

### Dutch Crocus

The finding of these Crocus in bloom is one of the genuine delights of life. Though we may eventually plant them by the thousands or may have been so long at gardening that little surprises us, yet that first Crocus is a great event. And we suggest that in every

garden, no matter how large or how small, there be some definite Crocus corner which we can watch during those early days of March. Prices quoted are for top size bulbs. The larger the bulb, the greater the number of blooms.

#### New Giant-Flowering Varieties

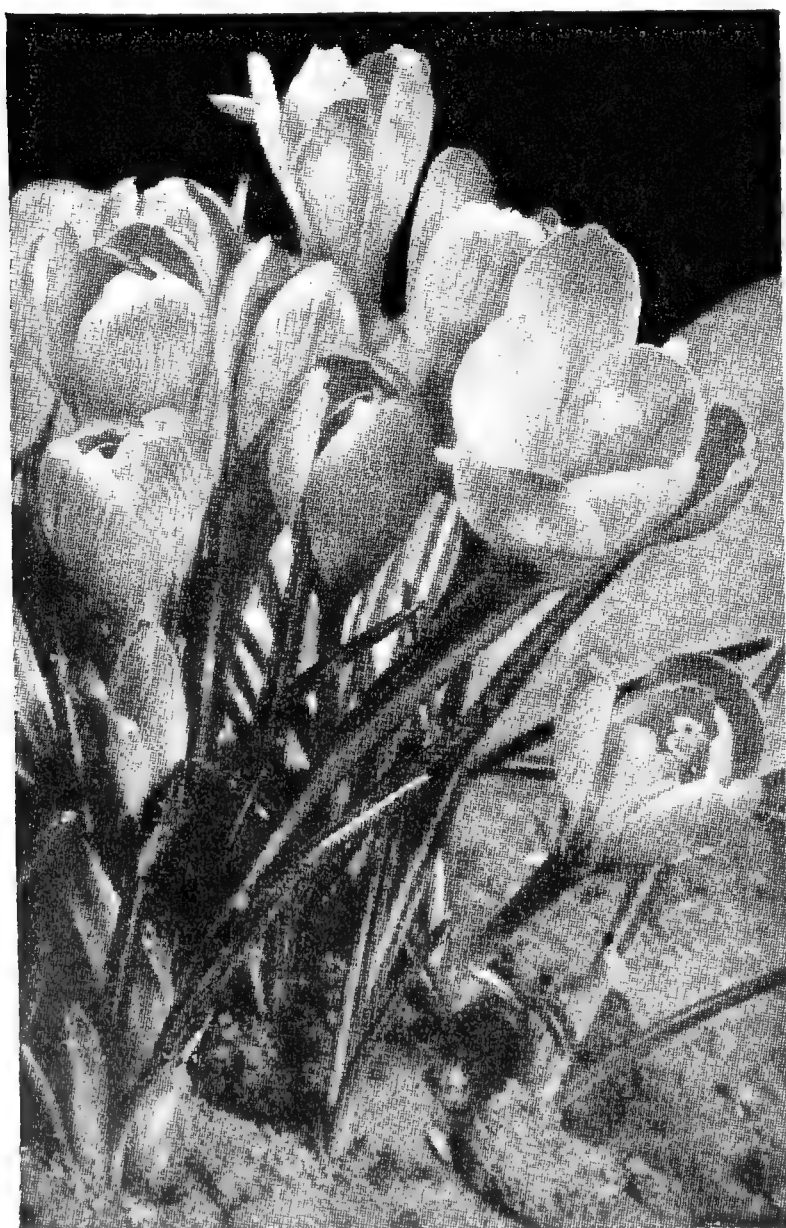
- \***Amethyst.** 60c per 12; \$3.50 per 100.  
Fine porcelain, with lighter stem; very brilliant.
- \***Blizzard.** 60c per 12; \$3.50 per 100.  
Pure white, globular flowers of great beauty.
- \***Enchantress.** 60c per 12; \$3.50 per 100.  
Clear porcelain blue, large flowers; very pleasing; early.
- \***Golden Goblet.** 65c per 12; \$3.75 per 100.  
Giant golden yellow flowers in great quantities.
- \***Grand Lilac.** 60c per 12; \$3.50 per 100.  
Pure lilac. Largest lilac flower known; early.
- \***Ivanhoe.** 65c per 12; \$3.50 per 100.  
Dark violet-blue; deep and intense coloring.
- \***L'Innocence.** 60c per 12; \$3.50 per 100.  
Pure white, large flowers in great quantities; early.
- \***Midnight.** 60c per 12; \$3.50 per 100.  
Dark blue; medium early. Lovely dark variety.
- \***Queen of the Blues.** 60c per 12; \$3.50 per 100.  
Dark blue; one of the best.
- \***Striped Beauty.** 65c per 12; \$3.50 per 100.  
Lilac, striped white, early.
- \***Striped Queen.** 65c per 12; \$3.50 per 100.  
Blue, striped white, late.

#### Standard Varieties

- \***Baron Von Brunow.** 50c per 12; \$3.00 per 100.  
Large bluish mauve; very free flowering.
- \***Purpurea grandiflora.** 50c per 12; \$3.50 per 100.  
Large purple-blue; late. Beautiful.
- \***King of the Whites.** 50c per 12; \$3.00 per 100.  
Large, white. One of the best whites.
- \***Maximilian.** 50c per 12; \$3.00 per 100.  
Very large, pure porcelain blue; very delicate.
- \***Mont Blanc.** 50c per 12; \$3.00 per 100.  
Pure white. Fine standard variety.
- \***Mammoth Yellow.** 55c per 12; \$3.25 per 100.  
Golden yellow flowers in abundance.
- \***Sir Walter Scott.** 50c per 12; \$3.00 per 100.  
White, striped lilac.

\***Mixed Colors of the Standard Varieties.** No. 1 size.  
40c per 12; \$2.75 per 100.

\***Mixed Colors of the New Giant-Flowering Crocus.**  
60c per 12; \$3.50 per 100.



Crocus Vernus, Golden Goblet

## Colchicum - Meadow Saffron

### (Giant Autumn-Flowering Crocus)

Colchicum are autumn-flowering bulbs with large Crocus-like blossoms which appear during the months of September and October, without foliage. The foliage, however, appears early in the spring about the same time the Tulips and Hyacinths are in bloom and disappears in June. They are especially recommended for planting between the taller growing rock plants such as Cerastium, Vinca, Pachysandra and the various Sedums, where their bold, checkered Crocus-like blossoms are seen to the best advantage. Blooming in September and October when flowers in the rockery are scarce, they are especially valuable. They may be also planted in the open woods or in naturalistic plantings of any sort. The bulbs, if kept indoors, will bloom during September and October in the window without any earth or water and after blooming, the bulbs may be planted in early November outdoors, and will not suffer in the least.

- Agrippinum (Parksoni).** Each, 40c.  
Checkered rosy purple.
- \***Autumnale.** Each, 25c; doz., \$2.50.  
Commonly called the Autumn Crocus; very free-flowering; of easy culture.
- Autumnale alba.** Each, 25c; doz., \$2.50.  
Pure white, increasing fast; free-flowering.
- Autumnale alba plena.** Each, \$1.25.  
Large, double white flowers.
- \***Autumnale major.** Each, 30c; doz., \$3.25.  
A large variety with massive flowers of rosy purple.
- Autumnale rosea plena.** Each, 30c; doz., \$3.25.  
Double, rosy lilac flowers.
- \***Bornmuelleri.** Each, 40c; doz., \$4.50.  
Fine cup-shaped, long-tubed flowers of rosy lilac coloring; one of the finest species; early flowering.
- Gigantenum.** Each, 45c.  
Large, soft violet, white center, late flowering.
- \***Speciosum.** Each, 30c; doz., \$3.25.  
Deep rose-purple; very large, stout and fine.
- Speciosum album.** Each, \$1.50.  
White, very large.

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# Autumn and Spring Flowering Crocus Species

Besides the Dutch Crocuses there are certain species that bloom very much earlier in the year, often before the snow has gone. The flowers of these wild sorts are smaller than those of the Dutch kinds but they are as vigorous and free as the others. Given a sunny position in the rock garden or a sheltered position in grass where the sun may encourage them freely, they will surprise you by their hardy appearance in the face of cold and storms.

*Crocus Imperati*, pale lilac with buff jacket, often flowers in late February, and is closely followed by *Crocus Sieberi*, a fuller purer

mauve sort; it has as a companion the deep rich yellow *Crocus Susianus*, which is even more attractive in the bud stage with its dark, rich brown flowers on the exterior of the segments. Once planted, they will take care of themselves for many years. Then comes *Crocus Tommasinianus*, an exquisite vasselike form, in color varying from a pale mauve to quite a rich purple. This variation is one of its great attractions. These all increase as freely as do the Dutch varieties.

## Autumn-Flowering Varieties (October Flowering)

- Asturicus.** \$2.10 per 12; \$13.25 per 100.  
A very showy species from the Asturia Mountains. Pale mauve to purple-lilac with darker stripes at base.
- Hyemalis.** \$2.20 per 12; \$14.25 per 100.  
Many small white flowers, exterior marked with a few black lines.
- Iridiflorus (Byzantinus).** \$2.45 per 12; \$16.75 per 100.  
Large, purple outer segments, inner segments pale lilac, much branched; lilac anthers, distinct and handsome.
- Laevigatus Fontenayi.** \$2.60 per 12; \$18.75 per 100.  
Beautiful soft ageratum-violet flowers, exterior bronzy feathered, flowering in December.
- Longiflorus meltitensis.** \$3.25 per 12; \$23.75 per 100.  
Soft lilac, feathered deep yellow at base, anthers yellow; stigmata orange-red. Violet-scented.
- Medius.** \$2.45 per 12; \$16.75 per 100.  
Flowers lovely rich violet, with handsome purple veining at base; stigmata rich glowing orange-red; one of the handsomest of the autumn flowering species.
- Nudiflorus.** \$2.10 per 12; \$13.25 per 100.  
Flowers rich clear purple. At one time naturalized in the Midland Counties of England.
- \*Pulchellus.** \$1.85 per 12; \$12.00 per 100.  
Lavender-blue with white anthers and orange spotted throat; a lovely species found growing in the healthy thickets bordering the Bosphorus.
- Salzmanni.** \$2.10 per 12; \$13.25 per 100.  
Lilac, dark feathered, delighting in a damp soil.
- \*Sativus (Saffron Crocus).** 75c per 12; \$4.50 per 100.  
Habitat Italy to Kurdistan. Large flowers, purplish lilac, feathered violet, with showy orange stigmata, slightly scented. Flowering freely when established.
- \*Speciosus.** 70c per 12; \$4.00 per 100.  
Large bright blue flowers, beautifully veined, orange-red anthers and bright yellow throat; a very fine Autumn Crocus. (Color illustration, page 24).
- \*Speciosus Aitchisoni.** 90c per 12; \$6.25 per 100.  
Long, handsome flowers, with sharp tapering petals, lavender, prettily feathered a darker shade and with silvery flush on outer petals. Very late.
- Speciosus albus.** \$1.55 per 12; \$10.25 per 100.  
Grand pure white variety, large snow-white flowers are produced in abundance and are marvelous when seen coming through dwarf Sedums or springing up as from nowhere under the shrubs.
- \*Speciosus, Artabir.** 90c per 12; \$6.25 per 100.  
Pale blue, dark feathered, large flower. This variety contrasts well with the white form.
- \*Speciosus globosus.** \$1.00 per 12; \$6.75 per 100.  
Bright blue, very late and most useful in prolonging the flowering period.
- \*Speciosus, Pollux.** 90c per 12; \$6.25 per 100.  
Pale violet-blue, exterior silvery white; very large, new, most attractive.
- \*Zonatus.** 60c per 12; \$3.50 per 100.  
Flowers rose-lilac with yellow throat, freely produced. One of the most satisfactory kinds; easily grown indoors. When bulbs have flowered in the house they should be planted in the garden when they will establish quickly. (Color illustration, page 24).

## Spring-Flowering Varieties

Charming in the rock garden planted between Sedum or other creeping plants.

- Aureus (Moesiacus).** \$2.20 per 12; \$14.25 per 100.  
Deep golden yellow.
- Aureus sulphureus concolor.** \$1.05 per 12; \$7.25 per 100.  
Pale yellow.
- \*Biflorus.** 85c per 12; \$5.75 per 100.  
White, outside purple lined. Slightly scented.
- Biflorus Adami.** \$3.50 per 12; \$23.25 per 100.  
Violet-blue, exterior purple feathered, beautiful and rare variety.
- Biflorus argenteus.** 85c per 12; \$5.75 per 100.  
White, violet shaded, very free.
- Biflorus pusillus.** \$1.00 per 12; \$6.75 per 100.  
White, orange throat, small flowers.
- Biflorus Weldenii.** \$1.00 per 12; \$6.75 per 100.  
White, outside grayish blue shaded.
- Biflorus Weldenii albus.** \$1.25 per 12; \$8.50 per 100.  
White.
- Chrysanthus, E. Aug. Bowles.** \$3.25 per 12; \$23.25 per 100.  
Butter-yellow, outside base bronzy grey tinged, large and beautifully rounded blossoms, the most beautiful of all Crocus species.
- Etruscus.** 80c per 12; \$5.00 per 100.  
Self-colored mauve flowers.
- Fleischeri.** \$1.60 per 12; \$11.25 per 100.  
White, anthers orange-red.
- \*Imperati.** 90c per 12; \$6.25 per 100.  
A very beautiful early-flowering species. The outside petals are buff and feathered with purple lines, inside rich violet. It is one of the earliest species to open its flowers. Specially recommended.
- \*Korolkowi.** \$1.15 per 12; \$7.75 per 100.  
This unusually fine early species is invaluable for the rock garden, for clumps in the border or for grouping near the terrace or house and under trees. The color is brilliant golden yellow shading to orange, while exterior of the petals is shaded bronze; the very earliest of spring flowers.
- \*Sieberi.** 75c per 12; \$4.50 per 100.  
This is a very lovely spring flowering variety which will bloom as early as February. The graceful flowers are a delicate blue with gold in the throat. Potted in October they will bloom for Christmas.
- Stellaris.** \$1.55 per 12; \$10.25 per 100.  
Orange, exterior marked with a few black lines.
- \*Susianus (Cloth of Gold).** 60c per 12; \$3.50 per 100.  
Bright golden yellow flowers, outside brown striped, produced in great profusion. Specially recommended for naturalizing. (Color illustration, page 24).
- \*Tommasinianus.** 60c per 12; \$3.50 per 100.  
Pale lavender, outside silvery gray, a very charming species which blooms with numerous flowers in early spring; one of the best for naturalizing. (Color illustration, page 24).
- Tommasinianus, Whitewell Purple.** 85c per 12; \$5.75 per 100.  
A charming variety with many small reddish purple colored flowers, very free.
- Vernus albus.** \$2.35 per 12; \$15.75 per 100.  
Dainty white flowers.
- \*Versicolor picturatus (Cloth of Silver).** 60c per 12; \$3.50 per 100.  
White outside, purple feathered, very pretty and free.

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## Narcissi - Daffodils

The past few years have seen tremendous progress in the development of the Daffodil. Magnificent new varieties are now available and if you are a lover of Daffodils may we suggest you plant a few bulbs of such kinds as Beersheba, Lovenest, Mrs. R. O. Backhouse, John Evelyn, or Moonshine. Many of our friends are growing some,

selling the yearly increase to acquaintances, making a handsome profit on their investment as well as having a pleasant and profitable hobby. All varieties offered are recommended by the American Daffodil Society.

### Yellow Trumpet Daffodils

Particularly Recommended in This Class is Aerolite.

**Division 1a:** Trumpet as long or longer than perianth segments, trumpet lemon, yellow or sulphur colored, with perianths of same shade but not of white.

**\*Aerolite.** \$2.30 per 12; \$14.00 per 100.

The large flower is beautifully proportioned, giving the impression of gracefulness, despite its size; perianth deep primrose, with a medium-yellow trumpet which is left in bold relief by the broad pointed star formed by the flat opening outer petals, an inch and a half wide; medium early, but remains until late, and is one of the longest lasting of all Daffodils in the garden or after being cut. (Color illustration, page 37).

**\*Alasnam.** \$4.00 per 12; \$29.25 per 100.

Wide, short, densely frilled trumpet of pure deep yellow, a shade deeper than the perianth; finely placed with a good neck; flower "looks you in the eye;" excellent for landscape groups, also for forcing; very early. (Color illustration, page 35).

**\*Cleopatra.** \$2.30 per 12; \$14.00 per 100.

A splendid flower which has won many awards and is well known everywhere; lemon-yellow perianth, overlapping petals; trumpet light yellow; very late.

**Duchanel.** \$6.30 per 12; \$50.25 per 100.

A beautifully balanced flower of giant size—a strikingly clear self yellow, widely flaring trumpet is deeply frilled. Especially valuable as it is very late, an outstanding show flower.

**\*Emperor.** Big round bulbs. \$1.05 per 12; \$7.00 per 100.

Double Nosed Bulbs. \$1.40 per 12; \$9.25 per 100.

Perianth primrose, trumpet darker, a forcing and bedding flower of proven merit. Still a fine old variety.

**Golden Spur.** \$1.05 per 12; \$7.00 per 100.

Uniform yellow, a most popular Daffodil for forcing or for the garden.

**Matamax.** \$2.30 per 12; \$14.00 per 100.

A strong grower and exceptionally tall; clean, golden color, fine substance; very late.

**\*Olympia.** \$1.80 per 12; \$11.50 per 100.

A much improved and enlarged Emperor, free flowering and hardy.

**Tresserve.** \$1.40 per 12; \$9.00 per 100.

One of the leaders among the new giant trumpets; deep canary-yellow with a paler perianth, the segments of which reach forward about the trumpet, producing a flower of distinct individuality; the trumpet mouth, 2 inches across, is deeply laciniated.

**Warwick.** \$2.55 per 12; \$16.75 per 100.

Another of the striking new King Alfred seedlings outstanding in every way and very early; refined stem and neck bearing a star-shaped perianth of great substance; golden yellow, with trumpet a shade deeper in color.

**King Alfred.** Top-size, round. \$1.80 per 12; \$11.50 per 100.

Mammoth bulbs. \$2.05 per 12; \$13.00 per 100.

A king among the fine varieties. Rich, lustrous golden yellow throughout. Extremely vigorous in habit. Perianth often measures 4 inches across, trumpet fully 2 inches. The most popular variety for forcing and the garden.

**Statendam.** \$2.00 each.

An extremely large golden yellow Trumpet Daffodil of superb yet graceful proportions. Massive overlapping deep golden yellow perianth, large, flaring, well-formed trumpet. A very vigorous grower most suitable for exhibition purposes.

**Robert Sydenham.** \$2.30 per 12; \$14.00 per 100.

The superb, heavily frilled trumpet of beautiful golden yellow, glittering as if sprinkled with gold dust, backed by the symmetrical soft sulphur-yellow perianth, presents an unforgettable picture. The entire flower suggests rugged proportionate beauty. The length of the stem and the quality of the foliage strengthen the first impression obtained from the blooms. At the flower shows it is a consistent winner.

### White Trumpet Daffodils

Particularly Recommended in This Class is Silver Glory.

**Division 1b:** Varieties with white perianth and white or nearly white trumpet, including pink or apricot trumpets.

**Beersheba.** \$3.00 each.

Perianth and trumpet of magnificent proportions. Sturdy foliage and stem. Height 20 to 22 inches. Its color is not pure white, yet is expressive of purity in the highest sense. Those who are forming collections of fine Narcissus rate Beersheba at the top of the large white Trumpets.

**\*Eve.** \$4.50 per 12; \$33.00 per 100.

Of good size but of such perfect proportions that the name suits it absolutely; a harmony in white and old ivory, with even the pistil and stamens blending into the color scheme; the green and gold shading at the outer base of the trumpet adds to the flower's delightful charm.

**\*La Vestale.** \$2.70 per 12; \$18.25 per 100.

Giant trumpet type with pure ivory-white perianth, of informal design, with trumpet of deep cream-yellow, tall, fine for small groups or naturalizing in dim shade; though of delicate appearance, it is of good substance and lasts well; early. (Color illustration, page 37).

**Lovenest.** \$8.00 per 12; \$64.75 per 100.

One of the very few members of the "Pink Daffodil" class; among the daintiest of all the trumpets; medium in height with a starry shaped perianth of informal type; nicely proportioned trumpet of saffron-yellow turning to apricot-pink; delightfully charming at all stages; very early.

**\*Madame de Graaff.** \$2.30 per 12; \$14.00 per 100.

This lovely graceful Daffodil was the first of a new class and most famous of the white trumpets.

**\*Mrs. E. H. Krelage (White King Alfred).** \$2.45 per 12; \$15.50 per 100.

A charming visitor standing before a bed of this exquisite variety asked us: "Is this the White King Alfred?" That question conveys quite satisfactorily the impression its flowers make. The pristine purity of this regal flower, the play of light on its balanced petalage, the graceful curve of the trumpet brim are unforgettable. An excellent grower. Easy to force, long-stemmed. Has no rival at the shows. (Color illustration, page 35).

**Mrs. John Bodger.** \$2.00 each.

Considered by many the most exquisite of the new white trumpets; a semi-dwarf hybrid of medium size, with a pure white, star-shaped perianth and a good trumpet; wonderful variety for the rock garden or the front of the border; sure to become a great favorite as it has been enthusiastically received at every show.

**Mrs. R. O. Backhouse.** \$2.50 each.

This is the famous "Pink Daffodil;" fine informal perianth of ivory-white, and beautifully proportioned, slim long trumpet of apricot-pink, changing to shell-pink at the deeply fringed edge; delicately beautiful but of exceptional substance; long lasting; early, belongs in every collection. (Color illustration, page 43).

**President Carnot.** \$4.00 per 12; \$29.25 per 100.

A self-colored creamy white trumpet of the Olympia type, with perianth petals slightly twisting and reaching forward, adding beauty of form to the charming color harmony.

**\*Silver Glory.** \$4.50 per 12; \$33.00 per 100.

In our trial gardens this magnificent white Daffodil has received the admiration of hundreds of visitors. Its sparkling purity as well as its strength of bloom, so well able to resist heat, has made it one of our favorites. It should be in every collection.

**W. P. Milner.** \$2.60 per 12; \$17.25 per 100.

A charming free-flowering variety, with dainty sulphur-colored flowers; one of the small trumpet varieties for the rockery; can also be grown in fiber in bowls.

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## WAYSIDE GARDENS

### *Bicolor Daffodils*

Particularly Recommended in This Class is *Sylvanite*.

**Division 1c:** Bicolor Trumpet Daffodils, with white or whitish perianth and a yellow, lemon or pale primrose trumpet.

**Empress.** \$1.05 per 12; \$7.00 per 100.

An old variety still deservedly popular; broad overlapping perianth with trace of gold down center of each cream-white petal; graceful trumpet of good proportions, and uniform, clear, deep canary-yellow.

**Jefta.** \$2.45 per 12; \$15.50 per 100.

Very delicately colored giant trumpet of moderate size; cream colored perianth and pale lemon trumpet slightly recurved at mouth; early.

**Sylvanite.** \$2.45 per 12; \$15.50 per 100.

A striking new variety with broad overlapping perianth of creamy white, and light canary trumpet; strong grower, but graceful.

**\*Spring Glory.** \$1.05 per 12; \$7.00 per 100.

Still a favorite both for the garden and for forcing; pure yellow trumpet, slightly paler perianth, excellent stem, and always free blooming. (Color illustration, page 43).

**\*Van Waveren's Giant.** \$2.30 per 12; \$14.00 per 100.

Enormous flower with deep yellow trumpet, well opened; perianth pale yellow with outer petals exceptionally broad and inner ones usually slightly twisted, making the flower more graceful.

### *Incomparabilis Narcissi*

Particularly Recommended in This Class is *Lucinius*.

**Division 2:** *Incomparabilis*, cup or crown measuring from one-third to nearly the length of the perianth segments.

**Abelard.** \$1.50 each; \$15.00 per 12.

Broad yellow cup, orange tint at edge, and showy orange anthers, supported by broad primrose perianth of exceptionally good substance; beautiful in the unfolding bud, and unusually long lasting flower.

**\*Bernardino.** \$1.05 per 12; \$7.00 per 100.

Perianth cream colored, the frilled and fluted cup stained deep apricot-orange at its edge. A good hardy grower which forms nice clumps in a short time. (Color illustration, page 37).

**\*Croesus.** \$1.90 per 12; \$12.25 per 100.

Universally popular both for the garden and for exhibition; light canary-yellow, perianth of perfect form, with outer petals nearly touching, the inner ones overlapping, opening flat; broad fluted cup of rich orange to base; substantial, free-flowering, and a fine propagator. (Color illustration, page 36).

**Dick Wellband.** \$2.50 each.

The perianth is pure white and the cup a brilliant flame-orange. One of its most remarkable qualities is that the color does not fade but rather intensifies with age. The flower has unusual lasting qualities. Its greatest beauty lies in the startling contrast between petals and cup which makes it stand out even in the largest collection of Daffodils. An exhibition variety "par excellence."

**Fortune.** \$10.00 each.

This is undoubtedly the most wonderful flower of recent introduction. It is a Giant *Incomparabilis* of the largest size, perfect form, and gorgeous color on a 2-foot stem; fine flat overlapping perianth of great substance which stands boldly at right angles to the crown, of clear deep lemon-gold color with long bold crown of wonderful glowing coppery red-orange. It is of great substance, vigorous and very lasting—free bloomer.

**\*Francisca Drake.** \$8.50 per 12; \$64.00 per 100.

The pure white perianth petals are of unusual substance, an inch and a half wide, and tinted gold at the base, which shows through on the outside; the cup, wide and deep, is golden yellow at the base, changing gradually to flame-orange at the densely frilled edge; the flowers are held well above the fine foliage and give the effect of a flock of white seagulls taking flight; strong growing and free flowering.

**Gallipoli.** \$4.25 per 12; \$32.00 per 100.

World-famous variety, citron-yellow perianth, cup deeply fluted to base and with a double frill effect at edge, is yellow, shading to vivid orange; somewhat drooping, very decorative.

**\*Helios.** \$3.75 per 12; \$25.75 per 100.

A most refined flower. Creamy yellow perianth, star-shaped; pale orange cup, slightly frilled. A deliciously beautiful variety a clump of which placed near an evergreen would make an unusually interesting picture. Very early.

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Croesus, *Incomparabilis*



Francisca Drake, *Incomparabilis*

(Below) *Sylvanite*, Bicolor Daffodil







**\*John Evelyn.** \$4.80 per 12; \$36.75 per 100.  
Outstanding among the new Incomparabilis hybrids; flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without a trace of shading, and the cup lemon-yellow and fluted or shirred to the base; good neck; strong grower; free flowering and a good propagator; one of the greatest Daffodils. (Color illustration, page 36).

**\*Lucifer.** \$1.05 per 12; \$7.00 per 100.  
Perianth sulphur-white with long, well rounded petals, starlike in effect; cup chrome-yellow edged bright orange. A showy flower for outdoors; it holds its color splendidly. Height 18 inches.

**Lucinius.** \$2.45 per 12; \$15.50 per 100.  
A self-colored, rich golden yellow flower of unusually good form and excellent substance. A very distinct type. It is one of the best golden yellow short cups.

**Red Cross.** \$5.25 per 12; \$41.25 per 100.  
Famous throughout the Daffodil world; extra large, strong flower, opening flat, primrose-yellow perianth, and deep yellow cup densely frilled, of deep orange; substantial and long lasting, and fine both in the garden and for exhibition.

**\*Sir Watkin.** \$1.15 per 12; \$7.50 per 100.  
Perianth primrose-yellow; large and well formed yellow cup; tinged deep yellow. A giant among the medium trumpets.

**Walter Hampden.** \$1.50 each; \$15.00 per 12.  
Very tall and outstanding; bright primrose perianth and pure yellow trumpet of Loudspeaker type, with a tint of orange in the frills; very vigorous grower; medium late.

**\*Whitewell.** \$1.05 per 12; \$7.00 per 100.  
Pure white, broad petalled starry perianth, opening flat, or slightly reflexed; cup fluted and frilled, deep primrose, with orange edge, flower held well above foliage.

**\*Will Scarlett.** \$1.05 per 12; \$7.00 per 100.  
Medium sized flower of informal habit; reflexed perianth, petals often slightly curled; good cup of yellow ochre with flaming orange-scarlet edge; fine for the rock garden or for naturalizing near a small pool. (Color illustration, page 35).

## *Barri Narcissi*

Particularly Recommended in This Class is Mrs. Barclay.

**Division 3:** Barri, cup and crown measuring less than one-third the length of the perianth segments.

**\*Alcida.** \$2.35 per 12; \$14.75 per 100.  
Giant flower, pure white perianth opening flat, star-shaped, with individual petals over 1½ inches wide; broad, citron-yellow cup with blood-orange frill; strong grower, fine substance and wonderfully free flowering; very late. (Color illustration, page 43).

**\*Bath's Flame.** \$1.75 per 12; \$11.25 per 100.  
Yellow perianth, deep yellow cup with broad edge of orange-red. The petals are very long, giving the flower a distinct and outstanding character. A perfection in scarlet and gold. Long stems.

**\*Conspicuous.** 90c per 12; \$6.00 per 100.  
Large, broad, spreading perianth of soft yellow; short yellow cup, edged orange-scarlet. One of the most useful of all Daffodils. Splendid for the border or naturalizing. Height 21 inches.

**\*Diana Kasner.** \$1.90 per 12; \$12.25 per 100.  
A pure white perianth and a large fluted yellow cup with blood-red frill, very free flowering and an excellent forcer. We consider this variety as one of our most valuable introductions and cannot recommend it too highly.

**\*Early Surprise.** 70c per 12; \$5.50 per 100.  
Semi-dwarf habit of growth; pure white perianth with orange colored cup, fine for naturalizing, and the earliest for forcing of this type. (Color illustration, page 36).

**\*Firetail.** \$2.50 per 12; \$16.25 per 100.  
Popular the world over; broad petalled creamy white perianth and large orange cup with scarlet-orange frill. (Color illustration, page 43).

**Red Shadow.** \$1.50 each; \$15.00 per 12.  
A most attractive flower of bold appearance. The perianth is creamy yellow and the cup is dark yellow with orange-red margin. It is unusually free-flowering and a strong grower. Very good forcer. Makes a beautiful pot plant.

**Sunstar.** \$1.50 each; \$15.00 per 12.  
Creamy white, broad petaled perianth, segments slightly reflexed; flat yellow cup with broad orange margin; tall fine stem and neck; Poeticus habit; beautiful both in the garden and on the show bench.

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Early Surprise, Barri



Mrs. Barclay, Barri

Hera, Leedsi







Bernardino, Incomparabilis



Silver Star, Leeds

Lord Kitchener, Leeds



**Fleur.** \$5.50 per 12; \$43.75 per 100.  
Broad petaled reflexing perianth of pure Poeticus white, with a flat deeply frilled cup, citron-yellow edged orange-red; beautifully proportioned. This variety received an Award of Merit in 1927 and is unquestionably one of the loveliest Barri varieties. (Color illustration, page 35).

**\*Mrs. Barclay.** \$2.60 per 12; \$17.25 per 100.  
Large flower with flat, reflexed, broad-petaled overlapping perianth of pale primrose, changing to pure white; deeply frilled flat cup of primrose-yellow, with dainty orange picotee; extremely showy, and a great favorite in the garden. (Color illustration, page 38).

**\*Mrs. Walter Brewster.** \$1.90 per 12; \$12.25 per 100.  
Fine, reflexed perianth of pure white; flat cup, lemon-yellow, edged with oxblood-red; fine lasting flower; one of the best. (Color illustration, page 36).

**Red Beacon.** \$1.55 per 12; \$10.25 per 100.  
A most lovely flower which immediately attracts one by its brilliantly colored cup. The perianth is ivory-white, slightly shaded sulphur at the base. The cup is prettily fluted and of the most intense fiery orange-red.

**\*Seagull.** 70c per 12; \$5.50 per 100.  
Large, broad petalled perianth, slightly reflexed pure white, giving an effect suggestive of the name as the flowers seem to float above the foliage; cup light yellow, with red picotee edge; free flowering, extremely tall, late, fine for naturalizing.

**\*Shackleton.** \$4.00 per 12; \$28.25 per 100.  
Exceptionally large and graceful flower, with broad, pure white, reflexed broad flat cup of chrome-yellow shading to brilliant orange-scarlet; extra fine.

**\*Sunrise.** \$1.45 per 12; \$9.50 per 100.  
Pure star-shaped white perianth, with distinct golden rays extending up each petal from the base of the cup; small cup of clear deep yellow-orange; unique and very attractive.

## Leedsi Narcissus

Particularly Recommended in This Class is Silver Star.

**Division 4:** Perianth white, cup white, or pale citron, sometimes tinged with pink or apricot.

**\*Evangeline.** \$1.05 per 12; \$7.00 per 100.  
A tall dancing Daffodil with reflexed, star-shaped, white perianth, and lemon-yellow cup. Fine for naturalizing.

**Gertie Millar.** \$5.75 per 12; \$46.25 per 100.  
Wonderful flower of the new Giant Leeds type with pure white perianth similar to and as large as Van Waveren's Giant, with a beautifully proportioned pale primrose cup deeply fluted and frilled and of translucent texture; unusually long pistils and anthers match these colors perfectly; a most handsome flower.

**\*Hera.** \$1.50 per 12; \$10.00 per 100.  
Broad-petaled creamy white perianth, star-shaped and deeply frilled cup of creamy white with a dainty edging of light primrose; one of the most beautiful of all Daffodils. (Color illustration, page 37).

**Her Grace.** \$4.25 per 12; \$29.00 per 100.  
A beautiful overlapping snow-white perianth with a large cool ivory crown resting firmly against it. Its prominent characteristic is the exquisite carving of the crown's edge. The delicate related tints of cream color and ivory which play in the texture of the lacy ruffles of the brim are most unusual. A strong grower, making large broad foliage. The flower has much substance and the entire plant is of exhibition quality.

**\*Lord Kitchener.** \$1.40 per 12; \$9.00 per 100.  
Broad, flat, pure white perianth, very pale primrose crown. A fine variety and great improvement over Mrs. Langtry. (Color illustration, page 43).

**\*Louis Capet.** \$2.30 per 12; \$14.50 per 100.  
A dainty little flower of perfect conformation from whatever angle viewed; poised on tiptoe ready for a dance at the slightest breath of air; perianth white; trumpet light primrose with golden anthers, and pale green shading to gold; foliage clean and upright, not too heavy; an ideal Narcissus for naturalizing and for the rock garden. (Color illustration, page 38).

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Nette O'Melveny, Leedsi



Moonshine, Triandrus Hybrid

February Gold, Cyclamineus Hybrid



**\*Nette O'Melveny.** \$1.75 per 12; \$11.25 per 100.  
A dancing Daffodil with pure white perianth and cup of clear lemon-yellow, with orange picotee; splendid foliage, tall, graceful stem, and good neck; in every way a delightful flower and sure to become immensely popular. (Color illustration, page 38).

**\*Queen of the North.** 80c per 12; \$5.75 per 100.  
Substantial flower with broad white perianth and lemon cup prettily fluted.

**\*Silver Star.** \$2.30 per 12; \$14.50 per 100.  
Perfect broad-petaled, star-shaped perianth of pure cream-white, with finely proportioned, wide mouthed trumpet of primrose, changing to cream-white, just a shade deeper than the perianth; extra fine and free flowering. (Color illustration, page 36).

## *Triandrus Hybrids*

Particularly Recommended in This Class is Moonshine.

**Division 5:** These are the cyclamen-flowered Daffodils with reflexing perianth. The flowers are more or less drooping, of elegant form and graceful habit.

**\*Agnes Harvey.** \$2.35 per 12; \$14.75 per 100.  
A most dainty Daffodil of drooping habit, 1 to 3 flowers on a stem; white starry perianth with Triandrus type trumpet, of the same color, sometimes flushed faint apricot. A wonderful flower for naturalizing, especially near water, and also for cutting; desirable in every way. (Color illustration, page 38).

**Moonshine.** \$4.00 per 12; \$28.25 per 100.  
A beautiful Triandrus hybrid, star-shaped white flowers, often three to a stem, drooping gracefully, very beautiful and a great favorite, especially for the rock garden or for naturalizing in the shade. A fine exhibition variety.

**Mrs. Alfred Pearson.** \$2.35 per 12; \$14.75 per 100.  
Dainty, star-shaped flowers in generous clusters; white perianth and pale primrose cup; new type from crossing a Leedsi and a Polyanthus; excellent for the rock garden.

**Pearly Queen.** \$2.60 per 12; \$17.25 per 100.  
Triandrus hybrid, 2 or 3 flowers to a stem; star-shaped, cream-white perianth, with clear lemon-yellow short trumpet; distinct pearly sheen provides the name; drooping habit; free flowering and a strong grower.

**\*Thalia.** \$4.00 per 12; \$28.25 per 100.  
In addition to a peculiar attraction at first sight, this flower leaves one with an impression that it is white, yet it is a whiteness that is not white. The recurving petals and the angle of the three trumpets are unlike the conventional short-cupped Daffodil. The stem is dark green, round and reed-like thin. Some call it the "orchid-flowered" Narcissus, which adds to the mystery. Thalia provides unusually good material for artistic arrangements. (Color illustration, page 37).

## *Cyclamineus Hybrids*

Particularly Recommended in This Class is February Gold.

**Division 6:** Cyclamineus blood like that of Triandrus, imparts such a distinct form to Daffodils, that a separate division has been made for its hybrids, which have trumpets of rich yellow, straight and tube-like, and perianths reflexed as in a Cyclamen; very early flowering.

**\*February Gold.** \$1.90 per 12; \$12.25 per 100.  
Perianth golden yellow, trumpet tinged orange, very early. (Color illustration, page 36).

**March Sunshine.** \$4.75 per 12; \$35.75 per 100.  
Smaller than February Gold and more adapted for rock garden planting.

## *Narcissus Jonquilla*

**Odorus Orange Queen.** \$1.05 per 12; \$7.00 per 100.  
A very striking variety, 2 to 3 flowers on a stem, color intense golden orange, cup prettily fluted. Delightful Jonquil fragrance. The flowers are produced in the greatest profusion on wiry stems about level with the tops of the strong but not coarse foliage; truly a Daffodil for every garden and the gayest of the lot, large or small.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—  
We Pay All Transportation Charges.



## WAYSIDE GARDENS

### *Jonquilla Hybrids*

Particularly Recommended in This Class is Orange Queen.

**Division 7:** Hybrid Jonquils with two or more, small, very fragrant flowers on one stem.

**\*Campernelle, Single.** \$1.00 per 12; \$6.25 per 100.

A tiny golden Daffodil with tips of pointed grass-like foliage reaching above the flowers; the broad overlapping petals make a nicely rounded perianth; frequently three blooms on a stalk; a delightful little flower.

**Campernelle, Double.** \$1.30 per 12; \$8.50 per 100.

Two to three golden yellow, small, fragrant flowers on strong stems; lovely for cutting. Height 13 inches.

**\*Golden Sceptre.** \$1.05 per 12; \$7.00 per 100.

A medium-sized perfectly built flower of deep Jonquil-yellow, 3 inches or more in diameter. The whole flower, as with the others in this class, is of the greatest substance, keeping in perfect condition exceptionally long both in the garden and when cut.

**\*Tullus Hostilius.** \$1.75 per 12; \$11.25 per 100.

Of the Jonquil-yellow trumpet type; strong growing flower of remarkable substance, lasting exceptionally long in the garden or when cut; an ideal Daffodil for informal use and for the large rock garden. (Color illustration, page 35).

### *Poetaz Narcissus*

Particularly Recommended in This Class is Frans Hals.

**Division 8:** All Poetaz are hybrids from Poeticus Ornatus and Polyanthus Narcissi. The plants are tall and vigorous growers, bearing heads of large, well formed flowers, deliciously fragrant. There is no better group for indoor culture in flats, pots or bowls, while if planted in time, their hardiness outdoors leaves nothing to be desired.

**Admiration.** \$2.05 per 12; \$13.00 per 100.

This beautiful cluster-flowered Daffodil is especially lovely in full sunlight, as it has a transparent character, but the flowers viewed in shade do not look poor or papery. The perianth, which is a sulphur-yellow, seems rather to be of the quality of the soft, taffeta silk which in the old days was known as "sarsenet," and the petals are slightly ridged lengthwise. The corona is of rich orange-scarlet and there are usually about 6 flowers to a stalk.

**Cheerfulness.** \$2.05 per 12; \$13.00 per 100.

The double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower.

**Frans Hals.** 80c per 12; \$5.75 per 100.

Creamy white perianth of perfect form, yellow cup, which sparkles in the sunlight, exceedingly free flowering.

**\*Laurens Koster.** \$1.10 per 12; \$7.25 per 100.

Creamy white perianth, lemon-yellow cup, free flowering. (Color illustration, page 38).

**Orange Cup.** \$1.25 per 12; \$8.25 per 100.

Creamy white, conspicuous orange cups, a most delightful color combination of plastic rubies floating on sulphur pools, 6 to 8 florets and usually 2 stems per bulb. Keeps its color in bright sunlight positions.

### *Poeticus Narcissus*

Particularly Recommended in This Class is Rupert Brooke.

**Division 9:** Poet's Narcissi, white petals with scarlet cup.

**Edwina.** \$3.75 per 12; \$25.75 per 100.

Purest white perianth, broad and overlapping petals, very flat cup, yellow edged red. Fine form and substance, highly recommended.

**\*Horace.** \$1.20 per 12; \$8.00 per 100.

Large, star-shaped perianth, gleaming white broad petals, with flat eye, yellow edged red; graceful and free blooming.

**\*Ornatus Maximus.** 90c per 12; \$6.00 per 100.

Extremely broad overlapping petals, recurving from typical pheasant's eye cup; a larger Ornatus, unsurpassed for naturalizing.

**\*Recurvus.** 90c per 12; \$6.00 per 100.

The old Pheasant's Eye. Perianth pure white, somewhat reflexing; cup margined deep scarlet; sweet scented. Fine for massing in borders or in grass.

**Rupert Brooke.** \$2.30 per 12; \$14.50 per 100.

One of the finest of the new Poeticus varieties, beautifully proportioned; small pheasant's-eye, reddish cup. This variety was introduced by Englehart in 1927 and is still considered one of the best new varieties.

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Jonquilla, Orange Queen



Poetaz, Franz Hals

Poeticus, Rupert Brooke





## *Double Narcissus*

Particularly recommended in this class is The Pearl.

### Division 10:

**\*Albus Plenus Odoratus.** \$1.05 per 12; \$7.00 per 100.

The old Gardenia-flowered Double Poet's Narcissus. Pure snowy white; wonderfully fragrant. Should be planted in the shade and kept well watered at flowering time to prevent the flower buds from drying off. Blooms extremely late, long after most of the Narcissus have gone. It is a rare old variety preserved jealously in a few old gardens and worth special care.

**Dubloon.** \$1.05 per 12; \$7.00 per 100.

Longer petals of primrose, interspersed with shorter petals of canary-yellow, giving a golden glow to the entire flower.

**Indian Chief.** \$2.30 per 12; \$14.50 per 100.

Very large and very double, bright yellow interspersed with orange; the petals curled and twisted. A large substantial almost globelike ball of yellow and orange.

**Mary Copeland.** \$1.50 each.

One of the famous varieties of the new doubles. This variety has been termed the most striking double in cultivation; the longer petals are pure cream-white with a golden ray down the center, interspersed with shorter petals of lemon and brilliant orange, giving a three-color effect; unsurpassed for garden or show (Color illustration, page 37).

**Snowsprite.** \$2.05 per 12; \$13.00 per 100.

A double Leedsii; flowers borne on tall stems; pure white, interspersed with very light lemon; a novelty and a good florist's flower, extremely late.

**\*The Pearl.** \$1.40 per 12; \$9.00 per 100.

Nice flower; not too double, creamy white, interspersed with sulphur-yellow, deeper at the center; charming. (Color illustration, page 38).

**\*Twink.** \$2.60 per 12; \$17.25 per 100.

It is double, of the semi-full type, the petals alternating a soft primrose and clear orange, and so arranged as to give the flower a most attractive appearance, and making it a most adaptable flower for large scale decorative work; is very free flowering and hardy. (Color illustration, page 43).

## *Paper-White Narcissus* *Polyanthus Narcissus*

Dishes of these, grown in pebbles and water, may be had in bloom continuously from Thanksgiving until Easter. The best method is to keep your bulbs in the containers in which they are shipped to you and to store them in a moderately cool, dry place. Plant different lots every three weeks from October 1st until March 1st, and you can enjoy a constant succession of bloom.

### Paper-White Grandiflora.

The popular bunch-flowering, pure white Narcissus, frequently having 30 individual blooms and splendid decorative foliage from a single bulb. We offer 2 sizes, each suitable for growing indoors in pebbles and water.

**\*First size bulbs.** 60c per 12; \$4.50 per 100; \$40.00 per 1000.

**\*Jumbo bulbs.** 85c per 12; \$6.00 per 100; \$55.00 per 1000.

## *Golden Yellow Narcissus*

(Soleil d'Or)

Soleil d'Or resembles the Paper-White Narcissus very much in habit but is of an exquisite deep yellow color, with an orange-yellow cup. The culture is the same as for the Paper-White Narcissus. We have some very fine stock of this variety to meet the steadily increased demand of the past few seasons and recommend its use in place of the Chinese Sacred Lily. Do not omit a few bulbs from your order.

**\*Soleil d'Or.** Top size, \$2.00 per 12; \$12.50 per 100.

Naturalized Narcissus







## Little Daffodils (Species)

Particularly Recommended in This Class is *Bulbocodium Conspicuum*.

The following are charming little subjects for rock work, where their dainty flowers are seen to perfection. They should be left undisturbed for years, and if happy, will soon establish themselves and afford a lovely picture in early spring. All the *Bulbocodium* (except *Monophyllum*) and the *Cyclamineus* like moisture, and should, there-

fore, be planted at the foot of the rockery. *Bulbocodium monophyllum* flourishes in a warm, dry sheltered situation planted in almost pure sand. *Triandrus Albus* (Angel's Tears) and *Juncifolius* delight in partial shade and a light, gritty soil, and should be given a well drained position.

**\*Bulbocodium citrinus.** \$2.30 per 12; \$14.50 per 100.  
Large sulphur Hoop-Petticoat, very beautiful pale citron-yellow. Height 6 to 8 inches.

**\*Bulbocodium Conspicuum.** \$1.45 per 12; \$9.50 per 100.  
Yellow Hoop-Petticoat, flowers rich golden yellow of hoop-petticoat form and rushlike foliage. Height 6 inches.

**\*Bulbocodium Monophyllum.** \$2.60 per 12; \$17.25 per 100.  
White Hoop-Petticoat, producing in winter little snowy white flowers of exquisite beauty. Height 6 inches.

**Canaliculatus.** \$2.05 per 12; \$13.00 per 100.  
A dainty little Polyanthus Narcissus from Mentone, suitable for sunny positions in the rock garden. It has narrow erect bluish green foliage and bears heads of 3 to 4 flowers with white perianth and globular golden cup, sweetly scented. Height 6 inches.

**Cyclamineus.** \$4.25 per 12; \$29.00 per 100.  
The yellow Cyclamen-flowered Daffodil. The trumpet is rich yellow, straight and tubelike, elegantly serrated at mouth, while the perianth is reflexed like a Cyclamen.

**\*Jonquilla Simplex.** \$1.40 per 12; \$9.00 per 100.  
The true tiny single Jonquil. The bulbs as well as the flowers of this miniature Daffodil are not very much larger than the Snow-drop. The flowers are a pure golden yellow and delightfully fragrant; foliage is grass-like. Perfectly hardy and most satisfactory small Daffodil for the rock garden.

**\*Jonquilla Flore Pleno.** \$2.05 per 12; \$13.00 per 100.  
This is the charming double-flowered form of the above. Also splendid in the rockery.

**Juncifolius.** \$3.85 per 12; \$26.00 per 100.  
Small, graceful, rich yellow flowers, rather smaller than a Buttercup, with a dainty little flat crown.

**Minimus.** \$4.00 per 12; \$28.25 per 100.  
True. The smallest and dwarfiest of all Daffodils, producing outdoors in February dainty little trumpet flowers of a rich, full yellow. Height about 2 inches.

**Minor.** \$4.00 per 12; \$28.25 per 100.  
True. A most graceful and charming very early flowering miniature Daffodil of Maximus form, flowers with full yellow perianth gracefully twisted and the miniature trumpet elegantly flanged at mouth. Height 6 inches.

**\*Triandrus Albus.** \$2.30 per 12; \$14.50 per 100.  
An exquisitely beautiful little species, it is of slender growth and produces a cluster of elegant creamy white little flowers with globular cup and perianth reflexing as in the Cyclamen. Height 7 inches.

**Triandrus Calathinus.** \$7.25 per 12; \$56.25 per 100.  
The flowers are produced in clusters of two and three, are snowy white and more than twice the size of *Triandrus Albus* with long, goblet-shaped crown prettily fluted; the foliage has a curious habit of curling over. Height 7 inches.

**Triandrus Concolor.** \$5.25 per 12; \$41.25 per 100.  
True, bearing clusters of dainty fragrant flowers of similar form to *Triandrus Albus*, but of a uniform soft yellow, a rare and beautiful little Daffodil. Height 7 inches.

**Triandrus Pulchellus.** \$4.50 per 12; \$33.50 per 100.  
A very beautiful little Daffodil with elegant clusters of flowers, primrose perianth and creamy white cup. Height 9 inches.

**Triandrus, Queen of Spain.** \$2.60 per 12; \$17.25 per 100.  
A wild hybrid. The flowers vary slightly in size, and sometimes in form of trumpet, but all are a uniform, delicate creamy yellow with graceful reflexing perianth. Height 12 inches.

## Daffodils for Naturalizing

The greatest and most effective use of Daffodils is to naturalize them in quantity in meadows and orchards, in woodlands and along the driveway, on the bank of the brook or along the shrubbery.

By planting some bulbs on the south side and some others facing north, a long period of flowering, lasting well over a month, may be enjoyed.

Daffodils are the most prolific of flowers. If you plant a single bulb it will not be long in gathering a family, and in the course of two or three years the spot in which it grows will have

become as populous as the tents of the patriarchs.

Planting mixed Daffodils is an investment that pays large dividends, if the right varieties are used.

The mixture presented by us is made up from named varieties and should, therefore, not be confused with other mixtures offered. This mixture is not grown as such, but varieties are selected that are especially adapted for naturalizing and will give an abundant and prolonged flowering period, increasing from year to year.

**\*Mixed Daffodils, Standard Varieties.**  
12 bulbs for 90c; 100 bulbs for \$6.00;  
1000 bulbs for \$55.00; 10,000 bulbs or more, special prices on request.

**\*Mixed Daffodils, containing standard varieties as well as novelties.** 12 bulbs for \$1.05; 100 bulbs for \$7.00; 1000 bulbs for \$65.00.

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## *Lilium Candidum*

(Madonna Lily)

The Madonna Lily is one of the loveliest of white Lilies, popular throughout the world, loved and admired by all. Its delightful fragrance and lovely white flowers have made it a universal symbol of purity. Plant it in groups of three or more bulbs, close to the pale blue Delphinium Belladonna. It will be the loveliest spot in your

garden during late June and early July. Madonna Lilies are simple to grow if you will plant in full sun and perfectly drained soil. Most Madonna Lilies are grown in France. Bulbs from the north of France are better than those grown in Southern France. We offer, therefore, northern French grown bulbs as follows:

### \*NORTHERN FRANCE GROWN BULBS

First size bulbs. Northern French. Each, 20c; \$2.00 per 12; 100 bulbs for \$15.00.

Large size bulbs. Northern French. Each, 35c; \$3.50 per 12; 100 bulbs for \$25.00.

Mammoth size bulbs. Northern French. Each, 45c; \$4.50 per 12; 100 bulbs for \$35.00.

Delivery of Candidum Lilies about September 1st to November 15th. (Color illustration, page 44).

### \*SPECIALLY HARDY RUSSIAN STOCK

Grown for The Wayside Gardens exclusively. This strain is very hardy and rugged, available only in a limited number of bulbs. Especially good for late planting, many of the Mammoth bulbs are Double Nosed, giving two or more flower spikes.

First size bulbs. Russian grown. Each, 35c; \$3.50 per 12; 100 bulbs for \$25.00.

Large size bulbs. Russian grown. Each, 45c; \$4.50 per 12; 100 bulbs for \$35.00.

Mammoth size bulbs. Russian grown. Each, 55c; \$5.50 per 12; 100 bulbs for \$40.00.

### \**Lilium Testaceum*.

Also known as "Excelsum" and as the "Nankeen Lily." One of the choicest garden Lilies. The warm apricot tone, almost a cafe au lait, set off by brilliant orange anthers, puts it in a color class by itself; in fact, many people consider it the most graceful and lovely of all Lilies. It is beautiful for every kind of garden use but because of its tender coloring, must not be planted in a mixed border with brighter flowers. In combination with light-shaded Delphiniums or with the Madonna Lily, which it resembles, it is most effective. It has the texture of *Lilium Candidum*, with reflexed petals and does well under the same conditions as *Candidum*. Four to five feet high, June-July flowering. (Color illustration, page 44).

Top size bulbs. Each, \$1.00; \$10.00 per 12.  
Fine first size bulbs. Each, 75c; \$7.50 per 12.

### TWO LILIES FOR INDOOR GROWING

#### \**Longiflorum Harrisii* (Bermuda Easter Lily).

Extra bulbs. 7 to 9 inch circum. This is the most popular size to grow as pot plants for decoration and equally as valuable for cutting. Bulbs should produce from 8 to 12 flowers.

Each, 30c; \$3.30 per 12; \$27.50 per 100.

Mammoth bulbs. 9 to 11 inch circum. These are usually grown for specimens in pots for exhibition and decorations. Each bulb should produce from 12 to 18 flowers.

Each, 50c; \$5.00 per 12; \$40.00 per 100.

The short time required to bring this peerless Lily into flower renders it invaluable. The flowers are delightfully fragrant, pure waxy white, and if cut when partially open can be kept for two weeks. Bulbs potted in September can be had in flower in December, if desired. A succession of bloom can be kept up throughout the winter by bringing in a few pots of bulbs from cold-frames at intervals. Blooming plants in pots are suitable for Easter offerings and presents. Bulbs ready for shipment—August to December.

#### \**Longiflorum giganteum* (Japan Easter Lily).

Extra bulbs. 9-10 inches. Each, 40c; \$4.00 per 12; \$30.00 per 100.

This Japanese type is highly thought of for late winter and Easter forcing—though the bulbs of this variety are often carried over in cold storage to be brought into bloom at any desired time the succeeding year. The plant is of sturdy stocky growth, with black marked stems. The flowers of purest white are the largest of the *Longiflorums*. For shipment—October to December.



Madonna Lily



# 4 Famous Lilies

FOOL PROOF ANY ONE CAN GROW

## OFFERED AT 1/2 Their List Price

**E**VERY once in a while by a turn of the wheel of good fortune, we are able to purchase some outstanding fine things at a price considerably below the market.

This has just happened with these four famous Lilies which anyone can grow. As is always our custom, we pass these price savings on to our friends. We offer these finest quality Lilies to our customers of record only, at exactly half the usual prices.

As the supply is of necessity limited, all orders will be filled in strict rotation for as long as the supply lasts.

### Guarantee

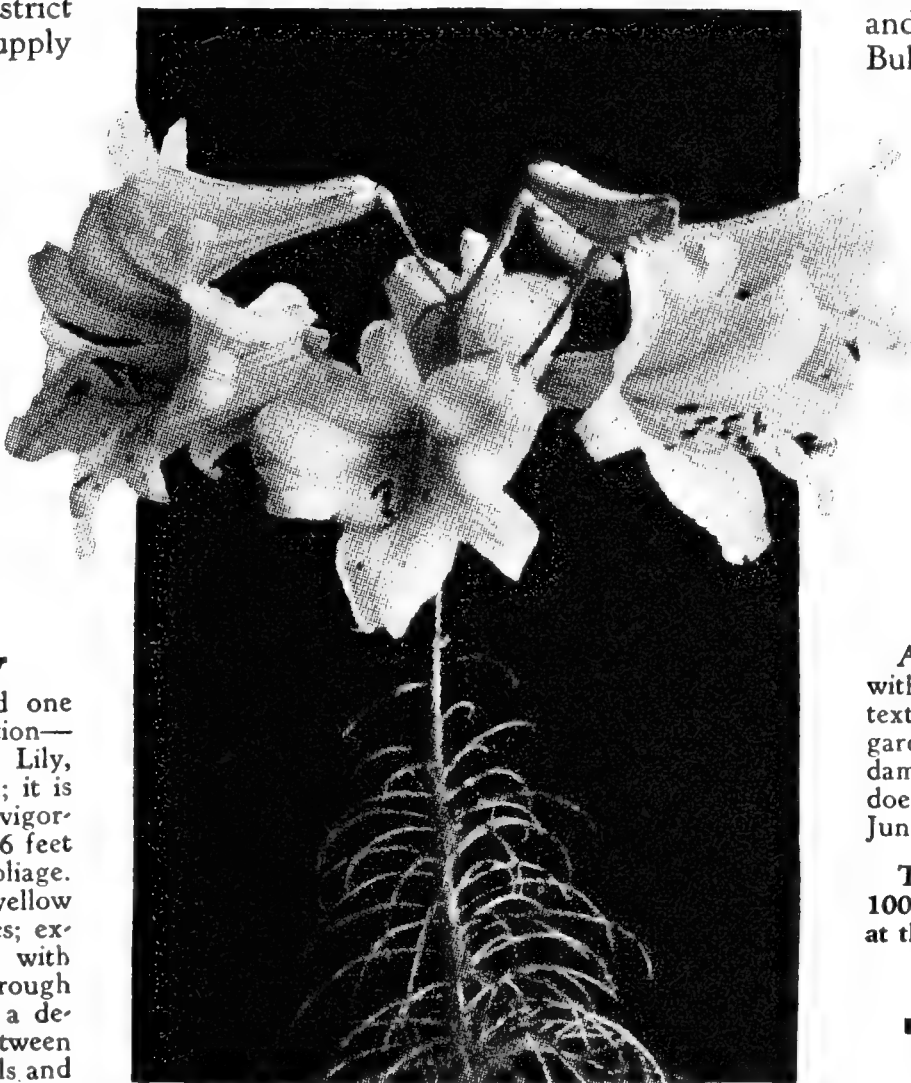
The offer lasts only until October 15, 1936. Let us assure you that the quality of these Lilies is strictly top-notch, in keeping with Wayside's reputation.

Every one of these bulbs we send out at this 50 per cent saving we unconditionally guarantee to be top size and equal in quality to any you might buy anywhere at the usual twice-the-price.

### The Regal Lily

One of the most beautiful and one of the hardiest Lilies in cultivation—"Lilium Regale" is truly a Royal Lily, worthy of a place in every garden; it is a lover of loam and sunshine. A vigorous grower with sturdy stems, 4 to 6 feet high, densely covered with fine foliage. Center of flower flushed with yellow shading to white at the outer edges; externally the flowers are streaked with brown on the "ribs," shaded through the almost translucent petals with a delightful pearly tint; the contrast between the color of the reverse of the petals and the gold shading of the throat is extraordinarily beautiful. The Regal Lily is very floriferous and when thoroughly established, bears as high as 18 to 20 flowers during the season. They succeed in any good rich garden soil that is well drained. July flowering.

Big bulbs, about 9-11 inches in circumference, per doz., \$2.88; per 100, \$20.00. Not less than 3 bulbs sold at this price.



### The Regal Lily

One of the grandest of Lilies. They have a mysterious way of at night-fall sending out their fragrance in puffs, while at all times having a delightful odor when "nosed."

### The Emerald Lily

(Philippinense Formosanum)

Not unlike the Regal Lily in general appearance. The slender stem is covered with the same grassy foliage of the Regal Lily. The substantial blooms are trumpet-like, in fact, they are long lovely white flowers, with a beautiful pale emerald-green throat which gives the flower a distinct and

delicate appearance. They commence blooming in early August and flower until stopped by frost. Bulbs when established will produce 3 to 4 spikes each with 4 or 5 blooms. It is a most liberal flowering Lily, to all of which may be added that they are among the easiest grown. September flowering.

Top size bulbs, per doz., \$1.50; per 100, \$10.00. Not less than 6 bulbs sold at this price.

### The Fire Lily

(Tenuifolium)

A charming little early flowering Lily with strongly recurved petals of waxy texture; deep orange-red. A gem in the garden as in the border. Likes a cool, damp loamy soil and partial shade but does well anywhere in well-drained soil. June flowering.

Top size bulbs, per doz., \$1.00; per 100, \$7.50. Not less than 12 bulbs sold at this price.

### The Orange Lily

(Umbellatum Grandiflorum)

A very free-flowering Lily of easy culture. Carries large umbellate heads of light orange-red flowers on stems about 20 inches high. During June it never fails and multiplies rapidly.

Top size bulbs, per doz., \$1.25; per 100, \$9.00. Not less than 6 bulbs sold at this price.

### Conditions of Half-Price Offer

We do not offer collections or combinations. Please choose your own. Six bulbs of any one kind may be purchased at the dozen rate, 25 bulbs of any one kind at the 100

rate. We cannot accept an order for these Lilies at these low prices for less than \$3.50 unless, of course, it is included with other purchases from this catalog.

**Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges**



## Lilies

Lilies, unlike Tulip bulbs, are not all grown in one locality under one and the same conditions, but are gathered together from many foreign countries. All ripen off at different times of the year; therefore, orders for Lilies cannot always be filled at one time. The requirements of Lilies vary with each variety. We have a booklet on their culture, which will be sent to you upon receipt of 25c.

Because of the lack of knowledge and the carelessness of many planters, we do not guarantee Lilies to grow. We do, however, guarantee to supply you bulbs in good condition and will replace without charge, any damaged bulbs, immediately upon hearing from you.

**\*Auratum (Gold-Banded Japan Lily).**

Large bulbs. 9-11 in. circum. Each, 40c; doz., \$3.75; 100, \$25.00. Mam. bulbs. 11-13 in. circum. Each, 50c; doz., \$4.75; 100, \$35.00. Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of 6 petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden yellow. 3 to 5 feet. July to September.

**\*Auratum platyphyllum.**

Large bulbs. 9-11 in. circum. Each, 40c; doz., \$4.00; 100, \$30.00. Mam. bulbs. 11-13 in. circum. Each, 50c; doz., \$5.00; 100, \$40.00. Also called "Macranthum." This is a robust growing form; the stem is stouter and attains a greater height; the leaves are much broader; enormous flowers, white, richly spotted yellow. Undoubtedly the choicest of all.

**\*Auratum pictum** Each, 65c; \$6.50 per 12; \$50.00 per 100. Is another splendid form of Auratum and fortunately a stronger grower.

**\*Batemanniae.** Each, 30c; \$3.00 per 12; \$20.00 per 100. Clear, glowing apricot flowers, from 3 to 4 inches in diameter, on stems about 3 feet high, borne from 4 to 6 in a terminal umbel or cluster; free of spots. Is at its best early in August. (Color illustration, page 49).

**\*Browni.** Each, 65c; \$6.50 per 12; \$50.00 per 100. The flower stem is 3 to 4 feet tall, is tinged with reddish brown and the foliage is long, narrow, gracefully curved and of a deep green tint. The trumpet-shaped flowers are large, well-formed, and of great substance, lasting a long time when cut. These massive, deliciously fragrant flowers open pale yellow, fading to a creamy white of great purity. The outside of the trumpet is streaked with brown. June-July flowering.

**\*Carolinianum.** Each, 35c; \$3.50 per 12; \$25.00 per 100. A showy Lily with slender stems, bearing reflexed, orange-red flowers, spotted maroon. Requires a well-drained situation. July and August. Height 2 to 3 feet.

**\*Canadense.** Each, 25c; \$2.75 per 12; \$18.00 per 100. Broad, funnel-shaped, drooping flowers, varying from yellow to orange; spotted inside; graceful and pretty. Fine among Azaleas, in damp peat beds or leaf mold. Excellent for naturalizing. June-July flowering.

**\*Canadense flavum.** Each, 25c; \$2.75 per 12; \$20.00 per 100. Broad, funnel-shaped drooping flowers on longish stalks about 3 feet high. Almost bell-shaped with ends of the petals only very slightly turned back. Golden yellow, handsomely spotted inside. June-July flowering.

**\*Candidum.** (See page 46).

**\*Chalcedonicum.** Each, \$1.00; \$9.00 per 12. Grows to a height of 3 to 4 feet. Flowers in loose clusters, small but symmetrical in shape, with recurved petals; bright red and waxlike. Does splendidly in properly drained heavy soil and even in clay; should not be disturbed when once established. Often flowers very poorly the first season, but nothing is more lovely than a clump of this Lily in bloom when established. June-July flowering.

**Concolor.** Each, 30c; \$3.00 per 12; \$20.00 per 100. One of the best dwarf Lilies with erect, star-shaped flowers of deep scarlet with a few dark spots towards base of petals; will frequently produce three or more stems from one bulb. Suitable for rock gardens. July. 18 inches.

**\*Croceum (Irish Orangeman Lily). (True).**

Each, 40c; \$4.00 per 12; \$30.00 per 100. Bright orange flowers are carried upright; very hardy, thriving in any soil in a sunny garden border or among shrubs in half shade. Is at its best toward the end of June and early July. It grows as well in a city lot as in a country garden, while its leaves show by their deep green color, and the whole plant by its robust health and vigor, how little it worries about conditions.

**\*Davuricum.** (See Umbellatum).

**\*Elegans, Mixed Colors.** Each, 25c; \$2.75 per 12; \$18.00 per 100. The number of forms and varieties is legion, varying in color from pale lemon-yellow to rich orange-brown, embracing various tints of orange to almost red and from soft apricot to approaching crimson; varying also in flowering season. A planting of these in mixture through Funkia or Heuchera, produces a most effective display. June-July flowering. (Color illustration, page 49).

**\*Elegans atrosanguineum.** Each, 25c; \$2.75 per 12; \$18.00 per 100. Flowers of a rich dark coppery crimson with purple-black spots at base of petals. Attractive. 1 foot.

**\*Elegans, Orange Queen.** Each, 25c; \$2.75 per 12; \$18.00 per 100. Very handsome, producing in July, large orange-colored flowers with small, black spots; a strong, robust grower; very decorative in pots or borders. Height 15 to 18 inches.

**Giganteum himalaicum.** Each, \$2.50.

The most majestic of Lilies, having stems 10 to 12 feet high when established, with large, handsome, heart-shaped leaves and from July to August bearing immense, long, white, trumpet-shaped, sweet-scented flowers. Groups of this noble Lily in woodland or wild gardens produce a grand effect. It requires to become established before flowering freely and thrives best where there is an abundance of leaf soil. Plant very shallow.

**\*Grayi.** Each, 40c; \$4.00 per 12; \$30.00 per 100. Beautiful, satisfactory Lily to grow in damp, peaty soil; thimble-shaped flower of rich red, spotted with maroon. Culture quite easy. July flowering.

**\*Hansoni.** Each, 40c; \$4.00 per 12; \$30.00 per 100. Plant among low plants to protect young shoots, this being one of the earliest Lilies to appear in spring. Does as well in thin woodland as it does in the border. Height 4 to 5 feet, carrying blossoms 2 inches across, regularly reflexed, the petals being of a bright orange-yellow, spotted more or less with brown; of a waxy texture. June flowering.

**\*Henryi.** Each, 40c; \$3.75 per 12; \$25.00 per 100. A splendid garden plant, vigorous in its growth, failing very seldom. One of the best border Lilies, reaching over 8 feet and more in height when established, and bearing more than 20 flowers of a rich, deep, orange-yellow. Fine foliage. Does well in both light and heavy loam. A partially shaded place, sheltered from high winds, suits it best. It is a beautiful Lily. August-September flowering. (Color illustration, page 44).

**Humboldti magnificum.** Each, 65c; \$6.50 per 12; \$50.00 per 100. Erect stem, with whorls of leaves. Numerous drooping flowers borne in loose, triangular clusters of brilliant golden yellow, spotted with purple on the reflexed petals. It produces a splendid flowering plant; 5 feet high.

**\*Japonicum.** (Formerly listed as *Krameri*).

Each, 35c; \$3.50 per 12; \$25.00 per 100. This is one of the few "pink" Lilies of our gardens, and a very lovely thing it is. The flowers are carried horizontally on stems 3 feet high. Somewhat capricious in its requirements. It is a Lily so beautiful and of a color so lovely and unusual that it is worth taking pains with. The funnel-shaped, finely formed flowers are 6 inches or more in length, and as much across, of a beautiful clear pink color often shaded blush. June-July flowering.

**Leichtlini.** Each, 35c; \$3.50 per 12; \$25.00 per 100. A beautiful Japanese Lily with much the same habit as *L. tigrinum* or Tiger Lily, but the color is mostly pale yellow with dull, red spots. Prefers a sandy loam. An excellent variety. July-August. 4 feet.

**\*Martagon.** Each, 40c; \$4.00 per 12; \$30.00 per 100. Strong growing Lily, producing from 20 to 30 light spotted purple flowers when established; very graceful, vigorous and floriferous. June-July flowering. Do well in light shade. (Color illustration, page 49).





## LILIES—Continued.

**Martagon album.**

Each, \$1.00; \$9.00 per 12.

There are few more beautiful things than the white Martagon Lily. The appearance of these Lilies is graceful and delightful in the extreme. On slender stems 4 and 5 feet high, the numerous drooping, waxlike, white Turk's Cap flowers, with yellow tipped stamens, look fascinating. The small flowers are symmetrical in shape, with reflexed petals and are borne in pyramid-shaped clusters.

**Monadelphum szovitzianum.**

Each, \$1.00; \$9.00 per 12.

One of the finest Lilies and not difficult to grow. It reaches a height of 4 to 6 feet. As many as 20 flowers are borne on one stem of established bulbs, forming pyramid-shaped clusters. The flowers are drooping and of a thick waxlike texture, regularly recurved. They vary from a pale citron-yellow to deep yellow. The first season planted, it sometimes does not show much growth above the ground, but the following season it will grow freely. It dislikes being transplanted. Early June flowering.

**\*Pardalinum californicum.** Each, 30c; \$3.00 per 12; \$20.00 per 100.

Rising to a height of 7 feet, carrying from 15 to 20 flowers with whorls of dark green leaves, the flowers begin to expand from the base of the clusters upward, producing a succession of expanded and opening flowers for 2 or 3 weeks. The petals are large, strongly recurved, deep orange, maroon spotted; tips of petals intense scarlet. Hardy and robust, does well in any good garden loam, well-drained soil in sun or partial shade. July flowering.

**\*Philadelphicum.** Each, 25c; \$2.75 per 12; \$18.00 per 100.

A handsome native Lily with yellow, cup-shaped flowers, spotted maroon and shaded orange at ends of petals. Good for naturalizing. July. Height 3 feet.

**\*Philippinense formosanum.**

Each, 30c; \$3.00 per 12; \$20.00 per 100.

Not unlike the Regale Lily in general appearance. The slender stem is covered with the same grassy foliage of the Regale Lily. The substantial blooms are trumpet-like, in fact, they are long, lovely white flowers with a beautiful pale emerald-green throat which gives the flower a distinct and delicate appearance. (Color illustration, page 50).

**Pyrenaicum aureum.**

Each, \$1.00; \$9.00 per 12.

The Yellow Turk's Cap Lily, which is of easy culture. The flowers are greenish yellow, spotted brown, with red anthers. June flowering. Height 2 to 3 feet.

<b>Regale.</b> Flowering bulbs. 6-7 inches.	Each, 25c; \$2.00 per 12;
100 bulbs for \$15.00.	
Flowering bulbs. 7-8 inches.	Each, 35c; \$3.00 per 12;
100 bulbs for \$20.00.	
Flowering bulbs. 8-9 inches.	Each, 40c; \$4.00 per 12;
100 bulbs for \$30.00.	
Flowering bulbs. 9-11 inches.	Each, 60c; \$5.75 per 12;
100 bulbs for \$40.00.	
Flowering bulbs. 11 inches and up.	Each, 70c; \$7.00 per 12;
100 bulbs for \$50.00.	

One of the most beautiful and one of the hardiest Lilies in cultivation—"Lilium Regale" is truly a Royal Lily, worthy of a place in every garden; it is a lover of loam and sunshine. A vigorous grower with sturdy stems, 4 to 6 feet high, densely covered with fine foliage. Center of flower flushed with yellow, shading to white at the outer edges; externally the flowers are streaked with brown on the "ribs," shaded through the almost translucent petals with a delightful pearly tint. (Color illustration, page 50).

**\*Rubellum.** Each, 40c; \$4.00 per 12; \$30.00 per 100.

Beautiful small Lily. The color varies from a deep rose-pink to almost white, with yellow anthers; very fragrant, small, funnel-shaped flowers; grows 1½ feet high. It does best in light soil.

**\*Speciosum.**

One of the greatest favorites as a border Lily; of daring as well as beautiful form. The petals are well rolled back and are handsomely spotted, often branded with distinct color. The style is thrown out in a curved line of much grace and strength. The stamens boldly diverge from it. The anthers are conspicuous for their size and color and extremely delicate poise. In addition to all these attractive qualities, it has a strongly waved outline to the petals, which adds much to its beauty. It flowers through the late summer into autumn. The cultivation of this Lily is simple. It may be relied upon to prosper, sending up its flowering stems year after year in increasing numbers.

**\*Speciosum album.**

Large bulbs. 8-9 in. circum. Each, 35c; doz., \$3.50; 100, \$25.00. Mam. bulbs. 9-11 in. circum. Each, 45c; doz., \$4.50; 100, \$35.00. Beautiful, snow-white flowers with a golden green stripe through the center of each petal, and anthers of a coppery tint. Alike in the form of the flower and in the way of growing, this Lily is one of the most beautiful we have.

**\*Speciosum magnificum. (Rubrum Improved).**

Large bulbs. 9-11 in. circum. Each, 30c; doz., \$3.00; 100, \$20.00. Mam. bulbs. 11-13 in. circum. Each, 40c; doz., \$4.00; 100, \$30.00. Rich ruby-carmine, margined white; stout of substance and broad of petal. This variety stands out prominently on account of its vigorous growth as well as the size and depth of coloring. (Color illustration, page 44).

**\*Speciosum Melpomene.**

Large bulbs. 9-11 in. circum. Each, 35c; doz., \$3.50; 100, \$25.00. Mam. bulbs. 11-13 in. circum. Each, 45c; doz., \$4.50; 100, \$35.00. The delicate beauty of the finer colored flowers makes this variety most desirable. Deep carmine-crimson, intensified by a narrow margin of white.

**\*Superbum.**

Each, 25c; \$2.75 per 12; \$18.00 per 100.

The color in this desirable Lily varies from pale yellow to deep crimson, more or less spotted on the inner surface of the petals. Valuable as a late-flowering Lily. Fine established specimens often reach a height of 10 feet and more, bearing from 20 to 30 elegantly reflexed flowers, arranged in large, conelike clusters. Does well in ordinary garden soil. July flowering. (Color illustration, page 49).

**\*Tenuifolium.**

Each, 20c; \$2.00 per 12; \$15.00 per 100.

A charming little early flowering Lily with strongly recurved petals of waxy texture; deep scarlet. A gem in the rock garden as in the border. Likes a cool, damp loamy soil and partial shade but does well anywhere in well-drained soil. June-flowering.

**Tenuifolium, Golden Gleam.** Each, 40c; doz., \$4.00; 100, \$30.00.

A beautiful, robust and a floriferous hybrid of this type, bearing numerous flowers of a pure apricot-yellow. June-flowering.

**\*Testaceum (Excelsum).** (See page 44).**\*Tigrinum splendens.**

Each, 30c; \$3.00 per 12; \$20.00 per 100.

The finest form of Tiger Lily with the richest color. The large shapely flowers are of a rich dark salmon-orange spotted with glossy black. This Lily is very robust in habit and of easy culture. August-September flowering.

**\*Tigrinum flore pleno.**

Each, 30c; \$3.00 per 12; \$20.00 per 100.

The double form. The best example of a double Lily we have.

**Umbellatum, Apricot.**

Each, \$1.00; \$10.00 per 12.

The flowers are of a lovely shade of delicate apricot-yellow borne in large heads. This Lily is at its best when grown in a cool, shady position.

**Umbellatum, Golden Fleece.**

Each, \$1.00; \$10.00 per 12.

A striking break from the usual red and orange tones of the Umbellatum group. This fine variety has large umbellate heads of clear golden yellow flowers with a suggestion of scarlet at the tips of the petals. It is very effective as a border plant and possesses a strong constitution.

**\*Umbellatum grandiflorum.** Each, 25c; \$2.50 per 12; \$18.00 per 100.

A very free-flowering Lily of easy culture. Carries large umbellate heads of light orange-red flowers. (Color illustration, page 50).

**\*Umbellatum, Mahogany.**

Each, \$1.00; \$10.00 per 12.

The deepest in color yet raised. Comparatively small in stature with heads of fine broad petaled flowers, deep glowing crimson-like, deepening to a rich mahogany-crimson as the flowers pass.

**\*Wallacei.**

Each, 45c; \$4.50 per 12; \$35.00 per 100.

A handsome Lily of a beautiful shade of the warmest apricot with rosy shading. Height 1½ to 2 feet.

**\*Washingtonianum.**

Each, 65c; \$6.50 per 12; \$50.00 per 100.

A beautiful Lily with fragrant drooping white flowers on a stem 4 to 5 feet in height. The reverse of the flowers has a tinge ranging from light pink to a deep wine color. This Lily requires a thoroughly drained situation. June-July flowering.

**\*Willmottiae.**

Each, 60c; \$6.00 per 12; \$35.00 per 100.

A tall, graceful Lily with slender foliage. Produces 15 to 20 flowers of a vivid orange-red, with recurved petals and numerous small brown spots. A very lovely variety, adapted for the garden but will need staking. July and August. 4 to 5 ft. Largest bulbs.



## Various Miscellaneous Bulbs

*For the Greenhouse, Garden, Rock Garden and Naturalistic Planting*

### Allium

Alliums are very attractive bulbous plants, producing erect bare stems with globular heads of flowers, resembling the Blue-lace flower or Bunch Primrose. Perfectly hardy, easily grown, and well adapted to rock gardens. Thrive in almost any soil in sunny situations.

**Acuminatum.** 85c per 12; \$5.50 per 100.

Upright heads of bright red flowers. Height 10 to 12 inches.

\***Cernuum.** \$1.60 per 12; \$11.25 per 100.

Wide flat foliage and nodding heads of clear pink flowers. Very fine. Height 10 to 12 inches.

**Falcifolium.** 85c per 12; \$5.50 per 100.

Three inches high, with large umbel of rosy purple flowers.

\***Neapolitanum.** 75c per 12; \$4.50 per 100.

Producing in May to June numerous heads of graceful white flowers, prized for cutting; it is also a charming plant to naturalize in shady woods, associated with the blue wood Scilla. Height 15 inches.

**Pink Species.** 85c per 12; \$5.50 per 100.

Not identified but it is one of the prettiest. Four to six inches high, with pink flowers, tinted lavender.

\***Unifolium.** 85c per 12; \$5.50 per 100.

Six to ten inches high, with a handsome umbel of rosy pink flowers quite early.

\***Validum.** \$1.60 per 12; \$11.25 per 100.

Unlike the others, this must have moist situation. One of the most beautiful and ranks with the best of bulbous flowers. Abundant grassy foliage. Stems a foot to 2 feet high, with showy rose-colored flowers. Makes a large clump in time.

St. Brigid  
Anemones



### Amaryllis

\***Hippeastrum, Giant Hybrids.** Each, 65c; \$6.50 per 12.

There is nothing that will give the amateur greater pleasure for growing in the house than these giant-flowering Amaryllis that are so easily managed. The strain we offer is the finest; strong bulbs throwing vigorous stems with 4 to 6 gigantic blooms of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson and bright red. We can supply in mixture only. Delivery from November until April of giant bulbs guaranteed to bloom. (Color illustration, page 67).

\***Halli lycoris squamigera.** Each, \$1.00; \$10.00 per 12.

Produces in early spring attractive green foliage which grows until July when it ripens and disappears. About a month later, as if by magic, the flower stalks spring from the ground to a height of 2 to 3 feet, developing an umbel of large, lily-shaped flowers, 8 to 12 in number, of a delicate lilac-pink shade. The bulb is perfectly hardy; must be planted in fall. Cover crown about 4 inches.

### Anemone

(Half Hardy—Must Have Protection)

These popular flowers of French origin are exceedingly brilliant when in flower and excellent for cutting. They like to be planted about 6 inches deep in a cool, moist but well drained soil. Will establish without any trouble and remain for years. For northern states we advocate early spring planting, for the southern section of the country, fall planting is best. Cover in winter with strawy manure.

\***St. Brigid.** \$1.05 per 12; \$7.25 per 100.

These are the popular Anemone so frequently seen in the florists' shops in the early spring. The flowers are unusually large, with a wide range of rich and brilliant colors.

\***DeCaen.** 85c per 12; \$5.75 per 100.

The plants are taller in growth than the St. Brigid and more single. They contain many fine shades of blue, white and scarlet.

\***His Excellency.** \$1.05 per 12; \$7.25 per 100.

A grand variety bearing flowers measuring as much as 3 inches across, of the most vivid velvety vermilion, with glistening silvery white base and a handsome blue-black central boss. Height 1 foot.

\***Apennina.** \$2.25 per 12; \$15.00 per 100.

Beautiful single bright blue flowers, a gem for the rock garden or shady border. Height 1/2 foot.

### Babiana

\***Stricta, Mixed Shades.** 70c per 12; \$4.25 per 100.

The colors vary from gentian-blue to wine-purple. They reach a height of about 8 to 10 inches. For northern climates they should be grown like the Freesia for living room or conservatory decorations, but in mild climates they should be used in the rockery where they make magnificent brilliant masses of color.

### Brodiaeas

(Hardy—Give Light Protection)

Small bulbs producing grassy leaves near the ground, and very slender but stiff naked stems bearing a head of waxy flowers of great lasting quality. Their culture is the same as for Narcissi and just as easy as for that flower. They are easily naturalized in almost any soil. Plant them about 3 inches deep and leave them alone. They are especially happy under oak and deciduous trees, in the rock garden, or in rough, gritty soils.

\***Mixed Varieties.** 75c per 12; \$4.50 per 100.

This mixture contains all the colors listed, blue, red, yellow, white, and is good for naturalizing.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—  
We Pay All Transportation Charges.





## Calla - Zantedeschia

Bulbs should be set with the crown, or top, protruding just above the surface. When in growing condition, warm water given several times during the week will hasten the flowering period and increase the number of blooms. Plant but one in a pot. We call especial attention to the Yellow Calla, which is one of the grandest varieties in cultivation, and most valuable for house or conservatory decoration. Plant Callas indoors in the late fall of the year. In April or May dormant bulbs may be planted near the pool in a sunny spot where they will flower beautifully in August or September.

**Alba Maculata.** \$2.30 per 12; \$15.00 per 100.

The abundant spear-shaped leaves are spotted silvery white all over, reaching a height of 18 inches, and are produced abundantly. The white flowers are small and trumpet-shaped with crimson blotch at the base. Excellent near pool or in a bog garden. Plant outdoors in spring.

**\*Elliottiana (Yellow Calla).** Each, 35c; \$3.50 per 12; \$25.00 per 100.

One that should be planted extensively. The deep golden yellow flowers are truly magnificent and produced in abundance. The green foliage is spotted white, which adds to its beauty; lovely house plant as well as garden subject. (Color illustration, page 55).

**\*Godfrey (White Calla).** Each, 30c; \$2.75 per 12; \$20.00 per 100. Most ornamental foliage if grown near pool where it will get plenty of water; an excellent, easily grown house plant.

**Rehmanni.** 70c each; \$7.00 per 12.

The pink or rose Calla. A rather uncommon species native of Natal. The flowers are small but pink and therefore most unusual. An uncommon plant for the greenhouse or indoor culture.

**Pictum (Arum).** Each, 50c; \$5.00 per 12.

A curiously black flowered "Calla" from Corsica. Long pointed leaves appear in spring, soon to be followed by a bright violet flower swollen at the base. The spadix is purple-black.

## Calochortus

(Hardy—Give Slight Protection)

Until one has seen a good collection of these plants, he has no idea how much Nature can do in the variation of one flower. All Mariposas are forms of Calochortus, yet there are several strains, all with the slender grace of stem belonging to the species. Cup-shaped flowers, one to many on a stem, wonderfully marked with eyes and dots and pencilings in rich colors, are characteristics. Yet each strain carries out the plan on a color scheme of its own, and then can be compared only with the orchids in wonderful variability of beauty. "Mariposa" is simply the Spanish word for butterfly, and is applied to these Tulips because the eyes and markings of the flowers are so much like those on a butterfly's wings. The bulbs are small and should be planted about 2½ inches deep and covered during winter. (Color illustration, page 56).

**\*Clavatus.** \$1.85 per 12; \$12.00 per 100.

The largest flowered and the stoutest stemmed of all Mariposa Tulips. The blooms, which are shaped like a bowl, are often over 4 inches across, of a deep yellow, and the lower half covered by stiff yellow hairs.

**\*Venustus El Dorado.** 85c per 12; \$5.75 per 100.

They grow from 1 to 2 feet high and branch. The flowers are simply marvelous in their variety of colors and markings. Scarcely two are alike; in a mixed lot they may vary through white, lilac to purple and again through shades of pink to deep claret-red. In any mixture whites, more or less eyed, predominate. There is no better investment for the flower-lover than a quantity of these bulbs. They thrive best in a rather porous soil, either sandy or gritty, and will grow either in sun or light shade. Flowers are 2 to 4 inches in diameter. Mixed colors.

**\*Venustus Oculatus.** 85c per 12; \$5.75 per 100.

Wonderfully varied in whites and creams. More or less tinted purple, and with very rich eyes. We have had the flowers 4 inches across. The plant is a good grower, and the flowers are most satisfactory.

**\*Finest Mixed Colors.** 75c per 12; \$4.50 per 100.

This is a lovely mixture containing many varieties; planted in a sheltered spot in the rockery they will make a charming lot of color.

## Camassia

(Hardy)

There are few bulbous plants that meet climatic or soil conditions better or give a more attractive bloom. They are hardy without protection, and thrive either under ordinary garden conditions or when naturalized in open, moist woods or in not too dense a grassy growth. The flower stems are 3 to 4 feet high with as many as a hundred star-shaped flowers measuring 1½ inches across and flowering in long succession.

**\*Esculenta.** 70c per 12; \$4.00 per 100.

Very showy in mass plantings. Forms flower spikes 2 feet high, bearing a cluster of star-shaped flowers of a very fine, rich purple. Plant 4 inches deep. Extra heavy bulbs.

**\*Leichtlini.** \$1.30 per 12; \$8.75 per 100.

Same as preceding but stronger grower, flowers are larger and come in various hues of blue and creamy white. Extra heavy bulbs. (Color illustration, page 67).

## Chionodoxa - Glory-of-the-Snow

(Hardy—Give Slight Protection)

A mass planting forms one of the most sumptuous displays of floral beauty, a mass of blue and white, intense and brilliant. They bloom at the time of the Crocuses, producing dwarf flower spikes, bearing from 12 to 15 flowers of a sky-blue with a pure white heart, creating a lovely effect. They should be planted in the fall, 3 inches deep, about 18 bulbs to a square foot, in a sunny location or in half shade and in places where they can remain undisturbed for a number of years. The flowers will cross with one another and will seed themselves, forming natural colonies. All are 6 to 7 inches high, therefore, excellent in the rockery as well.

### Standard Varieties

**\*Luciliae.** Top size bulbs, 60c per 12; \$3.50 per 100.

Bright blue, white center. Flowers often with 6 to 8 blooms on each stem. (Color illustration, page 61).

**\*Sardensis.** Top size bulbs, 60c per 12; \$3.50 per 100.

Same as above with true gentian-blue flowers.

### Rare and Unusual Varieties

**Gigantea (Alleni).** 75c per 12; \$4.50 per 100.

Large light blue flowers, most charming in masses.

**Gigantea alba.** \$1.50 per 12; \$10.00 per 100.

Rare variety with large snowy white flowers.

**Luciliae alba.** \$1.60 per 12; \$11.25 per 100.

A very beautiful pure white variety of the Luciliae.

**Luciliae rosea.** \$1.00 per 12; \$6.75 per 100.

A fine variety with pink flowers of the Luciliae form.

**Tmoli (Tmolusi).** 75c per 12; \$4.75 per 100.

Bright blue and white, flowers later than Luciliae and is very useful for prolonging the flowering season of these charming bulbs.

## Eranthis - Winter Aconite

(Hardy—Give Slight Protection)

Plant Bulbs Immediately Upon Receipt

These produce about two weeks before the Crocuses are in bloom, little yellow flowers like Buttercups about 3 inches above the ground, with settings of fine green, frilled collars which never seem to mind the worst of weather conditions. Will thrive under trees where few other plants can hold their own. They seed themselves freely and colonies from self-sown seed are soon formed. Plant at once upon receipt, firmly, 2 inches deep in shade or full sun, about 18 bulbs to a square foot.

**Cilicica.** 70c per 12; \$4.00 per 100.

Deep yellow flower, foliage bronzy and finely cut; lovely rock garden variety.

**\*Hyemalis.** 65c per 12; \$3.75 per 100.

The common Winter Aconite, clear yellow, very early. Good for the rock garden, under Sedums or under trees. Plant bulbs at once when received. (Color illustration, page 56).

P. S. A lovely combination of very early flowering bulbs is Crocus Tommasinianus, pale lilac, with the cheerful yellow Eranthis Hyemalis; both poke their blossoms through the snow before the winter has gone and both flower at the same time.

**Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges**



## Eremurus

A noble family of hardy plants, most delightful and desirable for stately and colorful groups in large plant borders and shrubberies. They are perfectly hardy, and when well established, produce dozens of giant flower spikes, like huge Hyacinths, attaining a height of from 6 to 10 feet, the flower spike (comprising several hundred flowers) being from 2 to 3 feet long. They thrive in any sunny, well-drained border. They should be planted in early fall only. These wonderful, gigantic flowering plants do not require a great

depth of soil, as the fleshy roots spread outwards. The plant disappears above ground after flowering and annuals may be planted close to them to fill the vacant space. A light mulching is advised as a winter protection.

The following list includes some of the finest and rarest in commerce, all flowering in July. No. 1 and No. 2 size roots not guaranteed to bloom first year.

- \***Bungei.** No. 1 size, each, \$1.60; top size, each, \$2.00.  
Vigorous, enormous spikes of widely expanded flowers of clear yellow. Six feet high.
- \***Elwesianus.** No. 1 size, each, \$1.60; top size, \$2.00.  
Beautiful, delicate pink flowers, thickly set in tall, noble and stately spikes, 8 to 10 feet high.
- \***Elwesianus albus.** No. 1 size, each, \$1.20; top size, \$1.60.  
Pure white flowers similar in form and height to the preceding. A magnificent novelty.
- \***Himalaicus.** No. 1 size, each, \$1.20; top size, \$1.60.  
Waxy white flowers with golden anthers, developing huge stems and flower spikes. 8 to 10 feet.
- \***Robustus.** No. 1 size, each, \$2.00; top size, \$2.50.  
Rosy pink flowers in a spike 3 to 4 feet long, standing on an 8- to 10-foot stem. One of the finest in the group.
- Shelford.** No. 1 size, each, \$1.60; top size, \$2.00.  
Coppery yellow inside, tinted ruddy bronze outside. Flowers arranged close together on an 8-foot spike.
- \***Tubergeni.** No. 1 size, each, \$2.50; top size, \$3.25.  
Light yellow, flowers densely packed in the 7-foot spike.

- Warei.** No. 1 size, each, \$3.25; top size, \$4.25.  
A grand, tall hybrid, the inflorescence 3 feet long, studded with myriads of coppery pink flowers, shot with bronze. Rare and richly colored. 8 feet.

### Eremurus 3-Year-Old Seedlings.

During the past few years there have been many requests for Eremurus seed and young plants. The seed of Eremurus is difficult to germinate; we, therefore, never offered it because it was bound to lead to disappointment. Seedling roots, one or two years old, are too small for the average person to care for, but we are now able to offer some fine roots which are three years old. We know these will grow without trouble and surely bloom within two years. These young roots are unnamed but are the same varieties as offered above. It will be well worth your while to plant a few of these healthy young roots for growing on.

\***Eremurus Seedlings.** \$1.25 per 3; \$5.00 per 12; \$35.00 per 100.

## Erythronium - Trout Lilies

These are charming woodland plants, producing in early April, small Lily-like flowers of which the colors run in delicate tints of white, pink, cream, bright yellow and rose. They thrive in wooded places under shrubs and in shaded corners or crevices of the rockery.

Their beauty is enhanced by their richly mottled leaves. They like a light, rather moist but well-drained soil. Plant the corms about 3 inches deep. All grow about 6 to 7 inches high.

- \***Californicum.** 90c per 12; \$6.00 per 100.  
Cream colored, often with 4 or 5 flowers on the stem. Leaves richly mottled. A large colony is a beautiful sight.
- \***Californicum Bicolor.** 90c per 12; \$6.00 per 100.  
The flowers open upwards showing the inner half to be rich chrome-yellow, the outer half pure white, and are deliciously fragrant. It grows easily and flowers freely.
- \***Citrinum.** 90c per 12; \$6.00 per 100.  
A native of Southwestern Oregon; is rather stouter in habit than the last; flowers creamy at the outside, citron center.
- \***Grandiflorum robustum.** \$1.15 per 12; \$7.75 per 100.  
A most distinct species, usually found in the mountains of the West. The leaves are not mottled but a plain green. The flowers are of the brightest buttercup-yellow.

- \***Hendersoni.** 90c per 12; \$6.00 per 100.  
Like Californicum but the flowers are a lovely light purple, with the centers a deep maroon, almost black.
- \***Hartwegi.** 90c per 12; \$6.00 per 100.  
A lovely Erythronium. With the stout habit of this group, it has exquisite bright yellow flowers, orange at center.
- \***Revolutum Johnsoni.** \$1.85 per 12; \$12.00 per 100.  
The most beautiful of all the Erythroniums. A stout plant producing exquisite rose-pink flowers.
- \***Mixed.** 85c per 12; \$5.75 per 100.  
This mixture is made up of the above named varieties and many others. Splendid for naturalizing and for rock garden in light shade. (Color illustration, page 67).

## Freesias

Without doubt the most sweetly scented flower grown; a single bloom permeates the living-room with its delicate perfume. Although they are quite popular and very easily raised, we suggest the following treatment: Procure the bulbs as early as possible and plant them in August 6 to 25 bulbs for a single pan. The soil should be a mix-

ture of good loam. The bulbs planted early, say August and September, must be placed outdoors until cold weather sets in; must be regularly watered and kept growing all the time. In November, before frosts appear, the pots should be placed in the window of a cool room.

- \***Apotheose.** 85c per 12; \$5.75 per 100.  
The flowers are very large, of a beautiful shade of pink, tinted lavender and borne on long stems.
- \***Elder's Giant White.** \$1.15 per 12; \$8.75 per 100.  
Giant pure white flower on long stem. The largest white Freesia.
- \***Golden Daffodil.** 70c per 12; \$4.25 per 100.  
A rich daffodil-yellow color, such as is seen in the popular Daffodil, King Alfred. The flowers are large, well formed.
- \***Mrs. Marc Peters.** 75c per 12; \$4.50 per 100.  
Very attractive deep rosy salmon with splendid clear color. Extra-strong, vigorous growth and long, sturdy stems make it a valuable cut flower.
- \***Purity Superflora.** 70c per 12; \$4.00 per 100.  
A magnificent, snowy white; of very large size and great length of stem. A truss bearing from 8 to 10 buds, of which six are often open at one time.
- \***Pink Beauty.** 75c per 12; \$4.75 per 100.  
A giant, rose-pink Freesia with broad petals forming a flat, open flower. Greatly admired; it is like an orchid spray.

- Ruth Chatterton.** \$1.15 per 12; \$8.00 per 100.  
The upper portion of the petals both inside and outside, is Tyrian rose, shading down the petals to Tyrian pink. These colors are shot with delicate streaks of cadmium-yellow, becoming solid yellow down into the perianth. The flowers are large, four and five open at one time, supported by long, heavy stems with two and three long laterals.
- \***Sunset.** 75c per 12; \$4.50 per 100.  
An entirely new color in Freesias, being a flame-orange, reminding one of the glorious sunsets of California.
- \***Wisteria.** 70c per 12; \$4.25 per 100.  
A fine, large flowering variety in the blue shades. Blooms of good size and deep bluish lavender in color. One of the best, if not the best, blue-lavender.
- \***Mixed Colors.** 70c per 12; \$4.00 per 100.  
A lovely mixture made up out of many varieties. All the shades of the rainbow. (Color illustration, page 55).





## Fritillarias

### *Fritillaria - Guinea Hen Flower*

Fritillarias are lovely bulbous plants for rock garden or indoor culture. The stems are leafy and most graceful, with many pendent, bell-like flowers. One species found in Southern California is called "Mission Bells," while in other places local species are called Brown or Chocolate Lilies.

#### STANDARD VARIETIES

**\*Meleagris.** 70c per 12; \$4.00 per 100.  
Bronze-purple. These produce in early April dwarf, pendent, reddish brown and purple bell-shaped flowers in curiously checkered shades, on stems 12 inches high. They are very effective in colonies, requiring a somewhat dry situation. Invaluable for the rockery, for naturalizing and very lovely grown in pans indoors; use same culture as for Freesia. (Color illustration, page 61).

**\*Meleagris alba.** 75c per 12; \$4.50 per 100.  
This is the pure white form of this interesting type described above. Twelve inches high.

#### RARE AND UNUSUAL VARIETIES

**Meleagris, Aphrodite.** \$1.60 per 12; \$11.25 per 100.  
A very fine strong growing variety with large white flowers, quite a little better than the common Alba. Fourteen inches high.

**Meleagris, Artemis.** \$1.60 per 12; \$11.25 per 100.  
Flowers greyish purplish checkered, very fine variety. Fourteen inches high.

### *Fritillaria Imperialis*

(Crown Imperials)

The Crown Imperials with their stately gracefully drooping flowers should not be missed in any garden. They want a good soil, much sun and can be left undisturbed for years. Must be planted as early as possible and have to be carefully protected against sharp winds, as the tall plants grow 4 feet and more high. They are real "Grandmother's favorites" and should be in every hardy border or old-fashioned flower garden. (Color illustration, page 57).

#### STANDARD VARIETIES

**\*Aurora.** Each, 40c; \$3.75 per 12; \$25.00 per 100.  
Red-orange. This is the common Kaiser Crown. Height 30 inches. (Color illustration, page 61).

**Foliis argenteis vittatis.** Each, 50c.  
Beautifully silvery striped leaves with orange-red flowers. Height 30 inches.

**\*Maxima, Red.** Each, 40c.  
Robust and strong growing variety with large, orange-red flowers. Height 34 inches.

**\*Maxima, Yellow.** Each, 70c.  
Large yellow flowers of robust growth and a fine garden plant. Height 34 inches.

**Orange Brilliant.** Each, 40c.  
Orange-brown, heads with large flowers, very fine, strong and robust growing variety which we can recommend as one of the best. Height 36 inches.

### *Fritillaria - Mission Bells*

The true Mission Bells do better in a clay soil in full sun. The woodland Fritillarias like woodland soils and conditions, and in culti-

vation some shade and a free soil. They are hardy as far north as Wisconsin.

#### RARE AND UNUSUAL VARIETIES

**\*Lanceolata.** \$1.25 per 12; \$8.25 per 100.  
Grows from 1½ to 3 feet high. The flowers are green and brown mottled prettily, produced on top of the stem, a most attractive variety.

**\*Recurva.** \$1.60 per 12; \$11.25 per 100.  
Is as beautiful, and much resembles a Lily. In size and habit like Lanceolata with orange-scarlet flowers of a lovely clear brilliant coloring.

**\*Pudica.** \$1.50 per 12; \$10.00 per 100.  
Of still a different habit. A low plant about 6 inches high with a single clear bright yellow bell. Likes sandy or loose soils and a warm spot in the rockery where you will enjoy it immensely.

**\*Mixed Varieties.** \$1.05 per 12; \$7.25 per 100.  
This mixture is made up of Mission Bells and varieties of Meleagris, and would be very interesting in the rockery.

### *Galanthus - Snowdrops*

Snowdrops belong to the most beloved early flowering spring bulbs. They require very little attention, and can remain undisturbed for years and years. They like rather moist and cool soil. To get a lovely effect they must be planted thickly, while they can be grown under trees and shrubs, in woodlands and in lawns. In the latter case, the lawn should not be mown before the leaves are withered, or next year's blooms may be spoiled.

**\*Nivalis.** 70c per 12; \$4.00 per 100.  
This is the old-fashioned favorite. Its lovely white nodding blooms are out before the frost is out of the ground; one of the lovely bulbs that tell us spring is almost here. A group naturalized in the shade of shrubs or under trees is worth while. Once planted they remain for a lifetime. (Color illustration, page 67).

**\*Nivalis flore pleno.** 80c per 12; \$5.00 per 100.  
Double form of the common Snowdrop, requiring same care.

**\*Elwesi.** 70c per 12; \$4.00 per 100.  
This is a larger type than the old-fashioned Galanthus Nivalis and comes from Southern Europe. It is a very fine kind for the warm parts of the United States where the common Snowdrop does not do so well.

**Byzantinus.** \$1.65 per 12; \$11.25 per 100.  
The Byzantine Giant Snowdrop, broad shiny leaves like Galanthus Plicatus and large snow-white globular flowers. Very early flowers; in mild winters we often have flowers here in January. It requires a somewhat sheltered position. May be gently forced in pots.

### *Gladiolus Nanus*

New Tecolote Hybrids.

They can be forced by the end of March, and come in very useful when most of the other bulbs have gone. In moderate climates these bulbs are planted outdoors. They multiply rapidly and are splendid cut flowers. They should be planted in the fall and protected with straw to prevent damage from frost. Slender stems and dainty orchid-like flowers.

**Tecolote.** Pink shades. \$1.05 per 12; \$7.25 per 100.

**Tecolote.** Scarlet shades. \$1.05 per 12; \$7.25 per 100.

**Tecolote.** Orange shades. \$1.05 per 12; \$7.25 per 100.

**Tecolote.** Lavender-blue shades. \$1.05 per 12; \$7.25 per 100.

**Tecolote.** Salmon shades. \$1.05 per 12; \$7.25 per 100.

**"Tecolote" Hybrid Mixture.** 85c per 12; \$6.00 per 100.

Beautiful new strain, early flowering, with dainty flowers carrying the characteristic diamond-shaped markings on the lower petals. Long, strong stems. New pastel shades of lavender-blue, orchid, salmon, pink, rose, scarlet, orange and many others.

**Tristis Concolor.** \$1.45 per 12; \$9.75 per 100.

A most unusual species and one of the few fragrant Gladioli available. The flowers are white to pale yellow and in the evening especially, exhale a delightful lemon perfume.



## *Ixia - Corn Lilies*

- \*Mixed.** 60c per 12; \$3.50 per 100.  
These beautiful bulbs from the Cape Colony (South Africa) are far too little known; they should be planted in late autumn and in cold districts they must be covered with a thick layer of straw or leaves. They are splendid for southern states. There are few bulbs so lovely and graceful and those fortunate enough to live where the climate is mild should plant them by the hundreds.

## *Leucojum - Snowflake*

- \*Aestivum (Summer Snowflake).** \$1.15 per 12; \$7.75 per 100.  
A very handsome, hardy, robust growing plant, producing spikes of elegant drooping white flowers in May. Greatly prized for cutting, on stems about 14 to 18 inches high. Same culture as for Narcissi.

## *Leucocoryne - Glory-of-the-Sun*

- \*Ixioides odorata.** \$2.40 per 12; \$16.00 per 100.  
Flowers exquisite light blue on tall, wiry stems and of very long-lasting quality, with faint heliotrope fragrance; for greenhouse culture or outdoors in warm states. March and April flowering. Unquestionably one of the loveliest new bulbs introduced. We predict it to be as much used as Freesias as soon as the price permits its free planting. (Color illustration, page 55).

## *Puschkinia*

- \*Scilloides.** \$1.05 per 12; \$7.50 per 100.  
A beautiful little April-flowering bulb prized for the permanent hardy flower border and rock garden; it is also an easily grown indoor pot plant. The flowers are white, shaded and striped a soft clear blue, about 6 inches high.

## *Muscari - Grape Hyacinths*

Muscari are charming spring-flowering subjects. They can grow under trees and shrubs and also do well in full sun in the border or at a sunny spot of the rockery, without any special attention. They are best planted immediately on receipt and can remain undisturbed

- \*Botryoides coeruleum.** 60c per 12, \$3.50 per 100.  
Bright blue, very free-flowering at the time of the Crocuses. This is the common blue Grape Hyacinth and fine in the rockery. Foliage is more compact, is better for the rockery than Hyacinth Botryoides. (Color illustration, page 62).
- \*Botryoides album.** 70c per 12; \$4.00 per 100.  
This is the white form which is very pretty planted with the blue variety of this type.
- \*Heavenly Blue.** 60c per 12; \$3.50 per 100.  
While there are several kinds of Muscari we consider this variety the best for mass planting. Their flowers open just about the time that the Crocuses are going. They do well in the wild garden and also in grass not too rank. They are nice under trees and along borders where they may be left undisturbed. (Color illustration, page 62).
- \*Plumosum (Plume Hyacinth).** 85c per 12; \$5.50 per 100.  
Bearing in May, handsome feathery plumes of violet-colored flowers; very attractive. Height 7 inches. A most unusual and fascinating flower.

### RARE AND UNUSUAL VARIETIES

- \*Armeniacum (Early Giant).** 60c per 12; \$3.50 per 100.  
Deep cobalt-blue flowers, producing many spikes with larger flowers than Heavenly Blue. Excellent for forcing and massing; wonderfully fragrant.
- \*Azureum.** 75c per 12; \$4.50 per 100.  
Bright blue, flowering in February; valuable early spring flowers, also fine for forcing in January. (Color illustration, page 62).

## *Lachenalia*

Lachenalias are available in small quantities for the first time this year. They are especially useful as pot plants because of their bright flowers and interesting foliage. The flowers are more or less bell-shaped and bear a slight resemblance to Grape Hyacinth (Muscari) in shape and size. The stems are 6 to 9 inches tall.

**Cultural Directions:** The bulbs may be planted five or six in a 5-inch pot in a compost of two parts sandy loam and one part leaf mold. Water sparingly. Place in cold frame until weather becomes too cold, then move to a cool greenhouse. Water may be used frequently in growing stage.

**House Culture:** Follow the above directions in potting, then place in a cool room and when growth is well advanced the pots may be placed in a warm sunny window for flowering.

- Pendula Superba.** \$3.50 per 12; \$25.00 per 100.  
The finest of all the Lachenalia family and most suitable as an attractive Christmas pot plant. The pendulous flowers are produced on thick fleshy stems about 10 to 12 inches in height and remain a long time in bloom. The color is a most beautiful velvety shading of orange-red with a blending of purple at tips.

## *Nerine*

- \*Sarniensis (Guernsey Lily).** \$1.45 per 12; \$9.75 per 100.  
From 10 to 20 flowers are borne on slender scapes 1 to 1½ feet high in the early autumn. They are bright crimson in color, about 1½ inches across; the sickle-shaped segments being scarcely crisped; filaments are bright red. The leaves appear after the flowers. They are easily grown indoors in the North, but in the South may be grown outdoors in ordinary good garden soil.

for years. They are absolutely hardy and some varieties are delicately fragrant. Botryoides, Azureum and Armeniacum are beautiful when forced in the house, same culture as Freesia; while Plumosum is always a source of great interest. All are about 5 inches high.

- Azureum Amphibolis.** \$1.00 per 12; \$6.75 per 100.  
Delicate pale blue flowers, later than Azureum.
- Comosum.** \$1.00 per 12; \$6.75 per 100.  
Tassel Hyacinth, greenish purple tops. Most unusual rock garden subject.
- Elegans.** 80c per 12; \$5.00 per 100.  
Dark purplish blue, top of spike pale blue, flowers with a narrow white edge, very fine.
- Latifolium.** \$1.05 per 12; \$7.25 per 100.  
A very distinct species, top of spike pale blue, lower part dark blue, usually one broad leaf, tall spikes.
- Moschatum minor.** \$1.90 per 12; \$12.25 per 100.  
The Musk Hyacinth, producing little spikes of very fragrant bells which open grayish purple and fade to a yellowish brown. bloom in April and are great in the rockery.
- Moschatum flavum.** \$1.50 per 12; \$10.00 per 100.  
Same as the type but flowers are purple, turning deep yellow.
- Moschatum major.** \$1.90 per 12; \$12.25 per 100.  
Same as the type but flowers are purple, turning pale yellow.
- Neglectum.** 85c per 12; \$5.75 per 100.  
Blackish blue, flowers early in spring on stems 8 inches high, remain in bloom a long time.
- Paradoxum.** \$1.00 per 12; \$6.75 per 100.  
Large spike with blackish blue flowers, inside green tinged. Stems 8 inches high.





## Ornithogalum

(Star of Bethlehem)

Very easily grown bulbs, especially Umbellatum, which multiplies rapidly under any conditions.

**\*Arabicum.** 85c per 12; \$5.75 per 100.  
Makes a large umbel of small white flowers with black base produced on a tall spike. Hardy and very prolific in the extreme South but must be protected or forced in the North.

**\*Aureum.** \$1.50 per 12; \$10.00 per 100.  
This new South African bulb has created a sensation with its large, rich golden flowers which will keep for an exceptionally long time after cutting. It is a splendid pot plant for growing indoors during the winter months, carrying its large, cupped, brilliant gold flowers in clusters supported on stems 12 inches high. Requires a cool, well-lighted position and a pot or pan of it gives a magnificent long-lasting effect. (Color illustration, page 55).

**\*Thyrsoides.** 85c per 12; \$5.75 per 100.  
This is the famous Chinchinchee, from South Africa. The flowers are pyramidal shape with the buds of straw color changing to pure white.

**\*Umbellatum (Star of Bethlehem).** 85c per 12; \$5.50 per 100.  
This is the small white hardy variety that is seen in great profusion and around many of the old gardens. It propagates readily and adapts itself splendidly to naturalizing. It does well over a wide temperature range and blooms profusely each season with little or no care.

## Scilla - Squill

May-Flowering Scilla

The English Blue Bells (*Scilla nutans*) with its long varieties (*S. hispanica*) have erect flower-spikes and open campanulate flowers. All are very effective in flower and shrubbery borders, and most valuable for wild gardens and woodlands, where they should be largely naturalized. Wood Hyacinths may be planted in bare shady places and odd corners which often have a desert-like appearance which can thus be rendered bright and cheerful. They will also thrive under Fir and Pine trees, where few other plants will grow.

**Hispanica (Campanulata).** 70c per 12; \$4.00 per 100.  
The Spanish Squill, blue.

**\*Hispanica alba maxima.** 75c per 12; \$4.50 per 100.  
Large white flowers.

**Hispanica, Amethyst.** 75c per 12; \$4.75 per 100.  
Clear blue, very large spikes.

**\*Hispanica, Blue King.** 85c per 12; \$5.75 per 100.  
Fine blue, exceedingly free. (Color illustration, page 62).

**Hispanica, Blue Queen.** 75c per 12; \$4.75 per 100.  
Porcelain-blue, tall growing and very free flowering.

**Hispanica, Enchantress.** 85c per 12; \$5.75 per 100.  
Delicate pure blue, broad pyramidal spikes, strong stems.

**\*Hispanica, Excelsior.** 75c per 12; \$4.75 per 100.  
Large bells, deep blue, very fine tall and large spikes.

**Hispanica, La Grandesse.** 85c per 12; \$5.75 per 100.  
White, beautiful large spikes, new.

**Hispanica, Peach Blossom.** \$1.60 per 12; \$11.25 per 100.  
Pale pink, large spikes. New.

**Hispanica, Perle Brilliant.** 95c per 12; \$6.50 per 100.  
Clear blue, large spikes. New.

**\*Hispanica, Queen of Pinks.** 95c per 12; \$6.50 per 100.  
Deep pink, beautiful large spikes. (Color illustration, page 62).

**Hispanica, Skyblue.** 75c per 12; \$4.75 per 100.  
Fine dark blue, late.

**\*Nutans.** 70c per 12; \$4.00 per 100.  
The common Scotch Bluebell or Wood Hyacinth. (Color illustration, page 62).

**\*Nutans, Alba Major.** 75c per 12; \$4.75 per 100.  
Large white form of the above.

**\*Nutans, Blush Queen.** 75c per 12; \$4.75 per 100.  
Fine pale pink form of the above.

**\*Nutans, Rubra.** 75c per 12; \$4.75 per 100.  
Lilac-red form of the Scotch Bluebell.

## Ranunculus

Their brilliant lovely globular-shaped flowers are splendid cut flowers and lovely at all times. May be left undisturbed for many years. In the north, bulbs may be planted in April and May outdoors and will bloom in July and should be taken up for the winter and stored dry until the following season.

**\*New Giant Paraflor.** 85c per 12; \$5.75 per 100.  
This new giant *Ranunculus* is far ahead of the common types. The perfectly double flowers are produced on tall, stout stems and appear in every conceivable shade of color. The blooms are many times larger than the old type.

## Oxalis

(Shamrocks)

Suitable for pots or hanging baskets for winter flowering. Very easily grown in the house. Their clover-shaped leaves are most attractive as well as the small cup-like blooms. They are excellent inexpensive small plants for decorating the home and growing on window sills.

**Bermuda Buttercup.** 65c per 12; \$3.75 per 100.  
Yellow.

**Dutch White.** 65c per 12; \$3.75 per 100.  
White.

**\*Grand Duchess.** 65c per 12; \$3.75 per 100.  
Lavender.

**Hirta.** 95c per 12; \$6.50 per 100.  
Pink.

*Scilla Sibirica*





## Scilla - Squill

The rich dark blue of *Scilla bifolia* and the bright blue of *Scilla sibirica* in early spring render them invaluable for edgings or for massing in flower beds and borders. As they bloom so early in the year, it is advisable to give them a sunny location. They are not particular about the soil in which they grow. They are ideal for the

wild garden but they are not to be despised in the border, especially if they are left alone for 2 or 3 years without being disturbed in any way. They are splendid in the rock garden. Never plant less than 12 to 18 bulbs in a clump.

- \*Bifolia.** 60c per 12; \$3.50 per 100.  
This species flowers in March with deep gentian-blue flowers. They are very beautiful in combination with the early flowering *Eranthis*, *Snowdrops*, etc.
- \*Pratensis.** \$1.00 per 12; \$6.75 per 100.  
Deep blue flowers in May, very pretty pyramidal heads and sweetly scented; not over 6 inches high. Excellent for the rock garden.
- \*Sibirica (Siberian Squill).** 70c per 12; \$4.00 per 100.  
Earliest to flower, connecting the flowering of the *Crocuses* with the *Narcissi*. Fine for naturalizing, producing drooping, bell-like flowers on stems 3 to 4 inches high. Succeed well in the rock garden. Color bright blue. Plant 3 inches deep in shade, half shade or full sun. Giant bulbs are offered above. (Color illustration, page 61).

- \*Sibirica.** 60c per 12; \$3.50 per 100.  
Large flowering size bulbs, No. 1 grade.
- Sibirica alba.** 75c per 12; \$4.50 per 100.  
Pure white form of *Sibirica*.
- Sibirica atrocoerulea.** \$2.20 per 12; \$14.25 per 100.  
Very deep blue, tall and larger spikes than the *Sibirica*.
- Sibirica azurea.** 75c per 12; \$4.75 per 100.  
Light blue, distinct and beautiful form of *Sibirica*.
- Sibirica taurica (multiflora).** 75c per 12; \$4.50 per 100.  
A very charming variety with pretty light porcelain-blue flowers, with darker blue line down the center of the petals; flowers 2 weeks earlier than *Sibirica*.

## Sparaxis

- \*Finest Mixed.** 75c per 12; \$4.50 per 100.  
Delightful spring-blooming Cape bulbs of the *Ixia* group, their beautiful flowers being borne on graceful spikes about 6 to 8 inches high and the colors of the brightest and all shades. They are tigered, blotched, spotted, streaked and flushed, a complete riot of color. They are also excellent for conservatory and indoor treatment. For the southern rock garden they are indispensable. Protect in cold climates.

## Sternbergia

(Hardy)

Give light protection.

- Lutea major.** \$2.80 per 12; \$20.00 per 100.  
A very effective autumn-flowering bulbous plant producing crocus-like flowers of a rich golden yellow. The bulbs make a charming decoration if planted in bowls or pots and flower a few weeks after planting. Out-of-doors the *Sternbergia* likes a warm, well-drained situation on banks or borders, where it should be left undisturbed. The bulbs should be planted 9 inches deep, and in cold districts a covering of dry litter should be given in winter. Fine for the rock garden.

## Iriteleia - Milla

- \*Uniflora violacea.** 75c per 12; \$4.50 per 100.  
A rootlike bulb which produces in early spring a pale violet-blue flower with white center. Somewhat resembles the *Chionodoxa*, is delightfully fragrant. They spread and multiply with amazing rapidity and are excellent in the rockery or under shrubs or trees where nothing else will grow. They are hardy, but like a little protection. About 3 inches high. (Color illustration, page 56).

## Trillium

(Hardy)

Trilliums are very attractive plants of the Lily family. The forms known as Wood Lilies or Wake Robins are well known in the East and are fine woodland plants. Of these, the best is *Trillium grandiflorum*.

A better plant for the shaded corner, damp woodland, border of streams where the soil is moist, or for the shaded parts of the garden, does not grow. It takes a year for them to take hold, but they will then improve for years. There is no better bulbous plant to naturalize in gravel, loam, sand and heavy clay; require no care.

- \*Grandiflorum.** \$1.85 per 12; \$12.00 per 100.  
This is the best of all the Trilliums, growing about 12 to 15 inches high and produces large, starlike, white blossoms very early in the spring.

## Iritonia

- \*Crocata.** 75c per 12; \$4.75 per 100.  
This interesting bulbous plant is commonly known as the Orange *Ixia*, which it resembles. It is very floriferous; forces easily and produces lovely orange flowers. Give it the same treatment as *Freesia* and you will enjoy it very much. Height about 10 inches. Lovely in the rockery in southern gardens.

## Vallota

- \*Purpurea.** Each, \$1.00.  
The Scarborough Lily, a South African native and one of the most attractive of the *Amaryllis* family, growing sturdily and increasing rapidly. Many flowers slightly cupped, upright, of very bright red. It requires the same culture as the *Amaryllis*, usually being potted up in the autumn. Avoid over-watering. Very scarce.

PLANTING TABLE FOR PLANTS AND BULBS

Diameter of bed	6 in. apart	12 in. apart	18 in. apart	Diameter of bed	6 in. apart	12 in. apart	18 in. apart	Diameter of bed	6 in. apart	12 in. apart	18 in. apart
3 feet	28	7		9 feet	256	64	28	15 feet	704	176	78
4 feet	48	12	6	10 feet	320	80	36	16 feet	804	201	89
5 feet	80	20	8	11 feet	380	95	42	17 feet	904	226	100
6 feet	112	28	13	12 feet	452	113	50	18 feet	1016	254	113
7 feet	152	38	17	13 feet	528	132	59	19 feet	1132	283	126
8 feet	200	50	23	14 feet	612	153	68	20 feet	1256	314	139

**PLANTING:** The table above shows the number of plants or bulbs required to fill a circular bed of the dimensions given. In planting, begin at outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants or bulbs somewhat closer together in the two outer rows, giving more space between each plant or bulb toward the center of the bed. A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by two. For example, an oval 9 feet long by 7 feet wide will require the same number of plants as a circular bed 8 feet in diameter.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges





## A Charming Method

of growing beautiful Spring  
Flowers for house and table  
decoration ~

### Wayside Gardens Bulb Fiber

The wonderful success which many of our correspondents have achieved in growing Roman Hyacinths, Narcissi, Tulips, Dutch Hyacinths, Lilies-of-the-Valley, and other bulbs in Wayside Gardens Bulb Fiber in bowls without drainage, proves that this is one of the most charming and effective methods of growing bulbs. Those who have neither a large garden, nor the convenience of greenhouses, or frames, or who have difficulty in obtaining suitable soil find most of their troubles removed in adopting this modern method of growing bulbs in the house. It will be extensively adopted in the future when it is fully realized what excellent results may be obtained in this way.

The advantage of this system is that the bowls, having no drainage holes, can be placed anywhere about the house without fear of any mess or damage to furniture. Wayside Gardens Bulb Fiber is perfectly odorless and clean to handle; it is specially prepared for the purpose of growing a great variety of bulbs in the house. Leaves no dirt or stain. It can be used for several years.

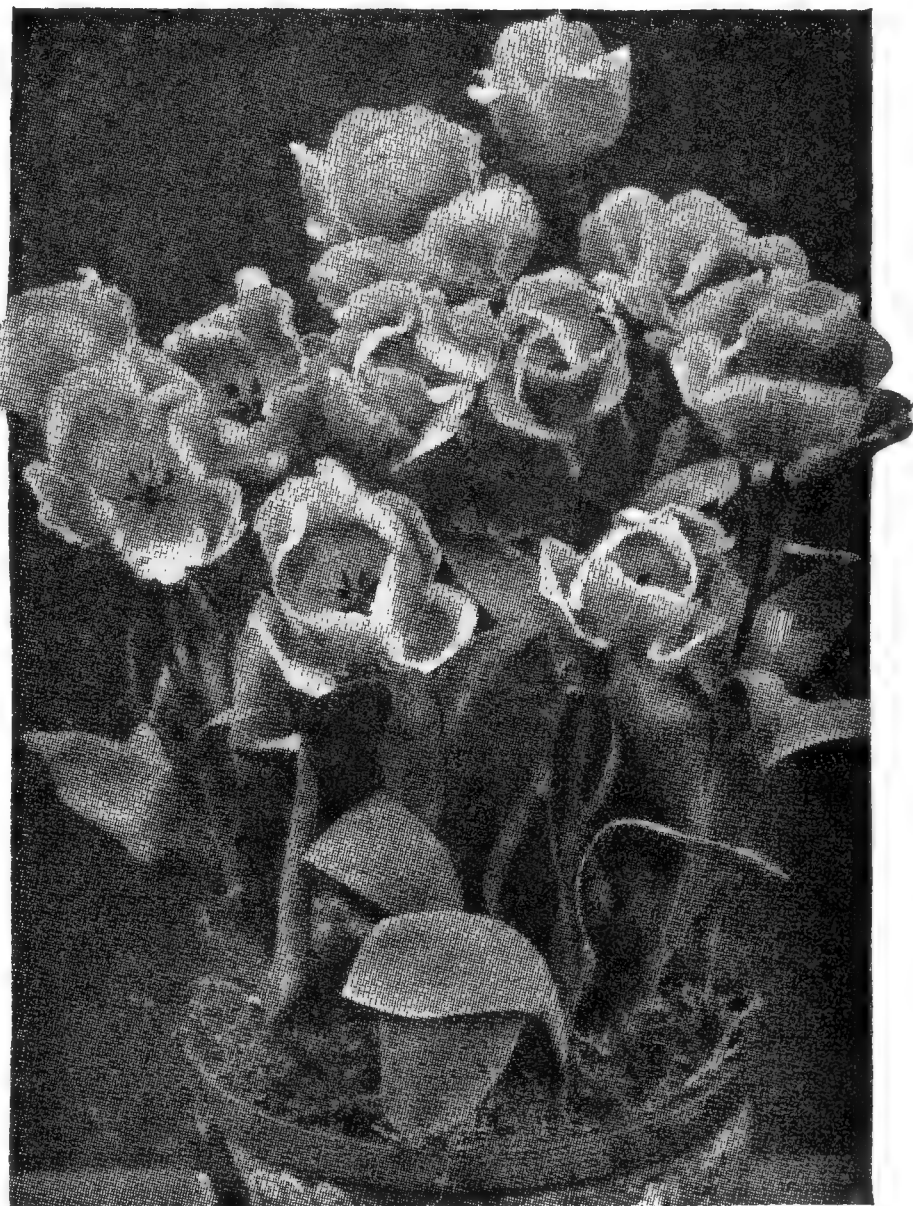
**Culture:** Moisten the fiber to saturation, fill the bowl with the soaking wet fiber mixture up to the rim and plant the bulbs in the same manner as with ordinary soil. A little fiber should be shaken down into place after planting but should not be pressed down too tightly or the bulbs will be forced upwards when root growth commences.

After planting, adopt either of the following plans:

The bowls may be placed in a cold frame, airy cellar or in a dark or moderately dark, airy, cool room. It will not be necessary to give a great deal of water; perhaps once every two weeks.

In the case of bowls placed in the cold frame there will not be much need to give any water. Where, however, the bulbs are not exposed to rain, the bowls should be examined twice a month, care being taken that the fiber mixture is kept uniformly damp. For the first weeks after planting, additional water should be given sparingly, sufficient only to encourage root action. As soon as the bulbs are well rooted, water should be given more freely. **If the mixture is allowed at any time to become dry, the flower buds may go blind.** Should by any chance too much water be given, the bowls may be drained by tipping them on their sides.

When the bulbs have made a good top growth in the dark, the bowls should be placed in a sunny window where they will get the morning sun. They must have sufficient light and air to prevent the



Single Tulip De Wet Growing in Fiber

foliage from becoming drawn. Never place bowls on top of radiator cover. A temperature of 55 to 60 degrees is sufficient to obtain good blooms; the bulbs resent too warm a temperature.

#### PRICE WAYSIDE GARDENS BULB FIBER

Patented

½ Peck .....	\$0.70
1 Peck .....	1.10
½ Bushel .....	1.95

### The Best Bulbs to Grow in Wayside Gardens Bulb Forcing Fiber

#### VARIETIES RECOMMENDED

**Hyacinths** do wonderfully well in this fiber. First size bulbs or second size bulbs in a bowl make a charming display. All the varieties offered in our catalog may be used.

**Roman Hyacinths**, 5 or 6 in a bowl, make a very charming table decoration, and if potted early in September may easily be had in bloom by middle of December; if a number are potted at the date mentioned, a succession of these charming flowers may be had until the middle of January, by bringing a bowl into warmth, say every 2 weeks.

**Paper-White Narcissi, Soleil d'Or Narcissi.** These, if planted from early in September to the middle or end of October, will bloom from about the middle of December to the middle of January. Grow much stronger in our fibre than they do in pebbles. The flowers also last much longer.

#### DAFFODILS

**King Alfred.** The merit of this variety is that it blooms early, and by planting in the beginning of October it may be had in bloom from about January onwards. It has a very bright yellow flower, which is thrown well above the abundant foliage.

**Emperor** always makes a handsome display, but as the bulbs are large it is desirable to have a large and deep bowl to put them in.

**Van Waveren's Giant and Aerolite** are favorite varieties. They always do well. All Poetaz varieties are good subjects.

**Campernelle Rugulosus** always does well.

#### SINGLE EARLY TULIPS

Special care is required to see that they do not get dry at the roots because if this happens the pores of the roots close up and flowers fail.

**Pink Beauty.** Pink.

**De Wet.** Copper.

**Mon Tresor.** Yellow.

**Brilliant Star.** Scarlet.

**Vermilion Brilliant.** Scarlet.

**Prince of Austria.** Orange-scarlet.

#### DOUBLE EARLY TULIPS

**Mr. Van der Hoef.** Yellow.

**Peach Blossom.** Rose-pink.

**Murillo.** Pink.

**Couronne d'Or.** Yellow, shaded copper.

**Tea Rose.** Saffron-yellow.

**LILY-OF-THE-VALLEY** are easy subjects and having such graceful flowers are strongly recommended.

### Rodopel the New Rodent Repelling Peat Moss

At last a simple, safe way to drive mice, rats, and other rodents away from your tulip beds. "Rodopel" is a peat moss treated with chemicals. These chemicals are harmless to bulbs or plants but positively drive rodents away from your bulbs and prevent any possible losses from that source.

The pungent odor given off by Rodopel is pleasant to humans but most distasteful to rodents. It is not poisonous and may be freely

used without danger or harm to birds or animals.

The Wayside Gardens Company has assisted in the perfecting of Rodopel. We have given it careful tests for three consecutive years and have had splendid results from its use.

Rodopel will be offered for sale this fall. The price will be very moderate, permitting its free use. Further information and prices will be mailed to you early this autumn.

Bulbs and Seeds Offered in This Catalog are Sent Prepaid—We Pay All Transportation Charges

# ROOT STRENGTH

is of  
particular importance  
to buyers

**A**S you read through the pages of this book we ask you to bear in mind that we are submitting for your approval something in excess of merely flowering bulbs, flowering plants or rose bushes as such.

The vital something is the intangible quality of "Root Strength." That something which is your definite assurance that your garden, planted with Wayside plants and bulbs, will the **first** season, be a spot of satisfaction and exceptional beauty. Note we say the first season.

There has been no effort on our part to compete with the ordinary low-priced plants and bulbs. Common sense tells you that can't be done when every plant we offer is of highest quality.

"Root Strength" quality is not always noticeable to your eye until the flower season arrives. Then the outstanding difference becomes decidedly apparent.

All inferior or indifferent plants have been discarded, and replaced by the finest varieties at reasonable prices. This is possible because we offer no novelties until we have first tested them and then produced them in goodly numbers, giving you the benefit of quantity production.





# LONICERA - Honeysuckle

Their climbing qualities are all that can be desired, but the fragrance of their flowers makes their strongest bid for favor. They are perhaps to the old-fashioned garden as a vine what the Hollyhocks are as a plant. They simply should be there somewhere.



## TELLMANNIANA

**[New Honeysuckle, Golden Giant]**

A vigorous hardy climber with lovely, large, tubular blooms of an intense golden yellow tipped with bronzy red. Blooms profusely during June and is perfectly hardy. This magnificent rapid climbing variety originated in Germany and is not generally known in this country. It is a fine improvement over the other Honeysuckles. A splendid vine for sun or shade. Strong plants \$0.75 each; \$7.50 per doz.



## New Evergreen Barberry

### BERBERIS MENTORENSIS

Plant Patent No. 99

Berberis Mentorensis or better known as the Mentor Barberry is the result of a cross between Barberry Thunbergi and Barberry Juliana. The leaves of this fine shrub are similar in shape to those of Thunbergi, but they are more leathery in structure. The plant is called a semi-evergreen Barberry because the foliage is not dropped in the cold sections of the country until well into February. The further south we go, the longer the leaves remain. The foliage color is a deep rich

green, contrasting very handsomely with the snow and surrounding lighter foliage plants. New leaves are produced very early in the spring. The Mentor Barberry is the only broad-leaved evergreen shrub that can be grown successfully and without special preparation on alkaline soils. It can be bought at a moderate price. The plant produces no seed. It is perfectly hardy and it is a most artistic plant for hedges or ornamental plantings.

**There are five outstanding points of superiority about this Barberry:**

**First**—it is evergreen practically the year around. Think what that means.

**Second**—its sturdy, erect growth carries a thick dark green foliage right down to the ground. Is never bare-legged.

**Third**—when used for a hedge, its thorny, strong growth forms a formidable barrier to man or beast.

**Fourth**—needs practically no pruning. Observe its erect growth which becomes dense when the plant is three or four years old.

**Fifth**—combined in a foundation planting with evergreens, it provides a beautiful and artistic contrast at very small expense and without elaborate preparation of soil.

A very important trait of this Barberry is that it is not "choosy" about where it grows. No matter if you can't make other broad-leaf evergreens, such as Azaleas and Rhododendrons, thrive in your soil, this new Barberry will. It is equally at home whether it is acid or alkaline soil.

**Bushy, young stock, 12 to 15 inches tall:**  
\$35.00 per 100                      \$1.50 per 3  
\$4.75 per 12                          \$0.60 each

**A No. 1 plants, 18 to 24 inches tall:**  
\$45.00 per 100                      \$2.00 per 3  
\$6.00 per 12                          \$0.75 each

**Bushy plants, 24 to 30 inches tall:**  
\$55.00 per 100                      \$2.75 per 3  
\$8.00 per 12                          \$1.00 each

**P. S.**

Allow us to again say, it is the nearest reasonable cost perfect shrub for foundation planting and hedges that we know about.







# That Wondrous New Phlox "Columbia"

Plant Patent No. 118

## By Far the Finest Light Pink Phlox Ever Introduced

The color suggests a delicate cameo-pink with faint blue shading at center. The effect created by a well grown plant is exquisite and never before seen in Phlox.

The clearness of tone is remarkable, the brilliancy is so pronounced that immediate attention is given to this wonderful plant. As the flower ages, the blooms always retain their delicate pink shade; there never are any so-called purple tones visible.

Out of each leaf joint grows a lateral or secondary flower spike continuing the display of blooms long after the main flower head has disappeared. Columbia is therefore well called the perpetual flowering Phlox.

Of great importance is the habit of Phlox Columbia, its strength and vigor is something rarely seen in plants. A well grown, two year plant will produce from 6 to 15 flower spikes. The foliage is rich, dark green, leaves covering the stems down to the ground. The

flower stalks are about 2½ feet high, stiff and erect. The flowers last over a week in water when cut.

We modestly claim it to be the best "Phlox" addition to the hardy plant garden during the past ten years.

Mrs. Francis King, America's great garden authority who came especially to view Phlox Columbia in the nurseries writes as follows:

"Columbia, the new cameo-pink Phlox which has just risen on the garden horizon is of most exquisite beauty. A soft pink recalling that of Elizabeth Campbell, but lighter, more delicate and with a small white eye and very light blue halo which has a charming effect upon the general color of the flower. The Phlox grows to two or two and a half feet, and is very bushy. Altogether an amazingly good addition to the list of plants which give color and richness to the midsummer border."

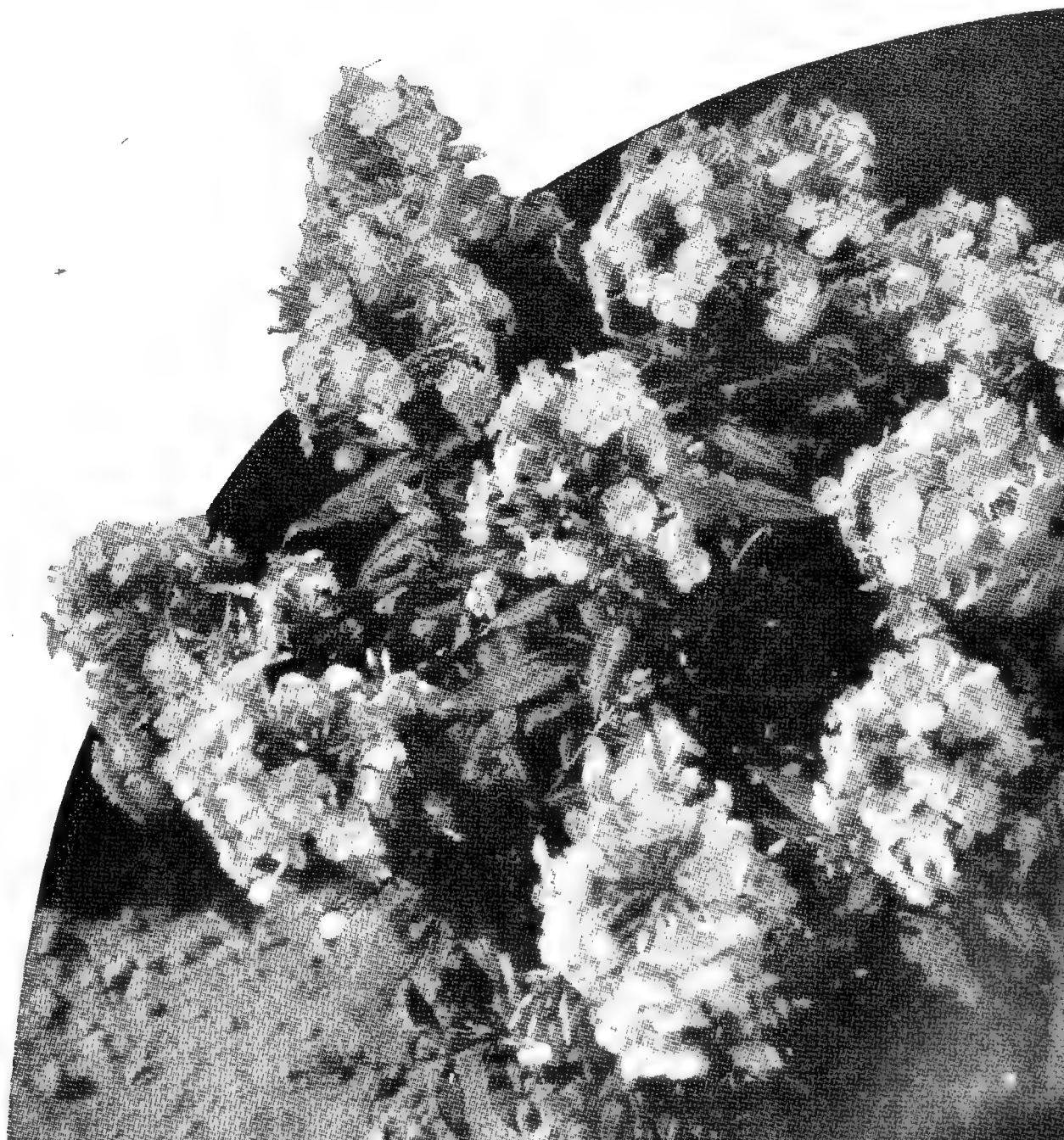
## PHLOX COLUMBIA

Place your order now for the greatest Phlox you ever saw.

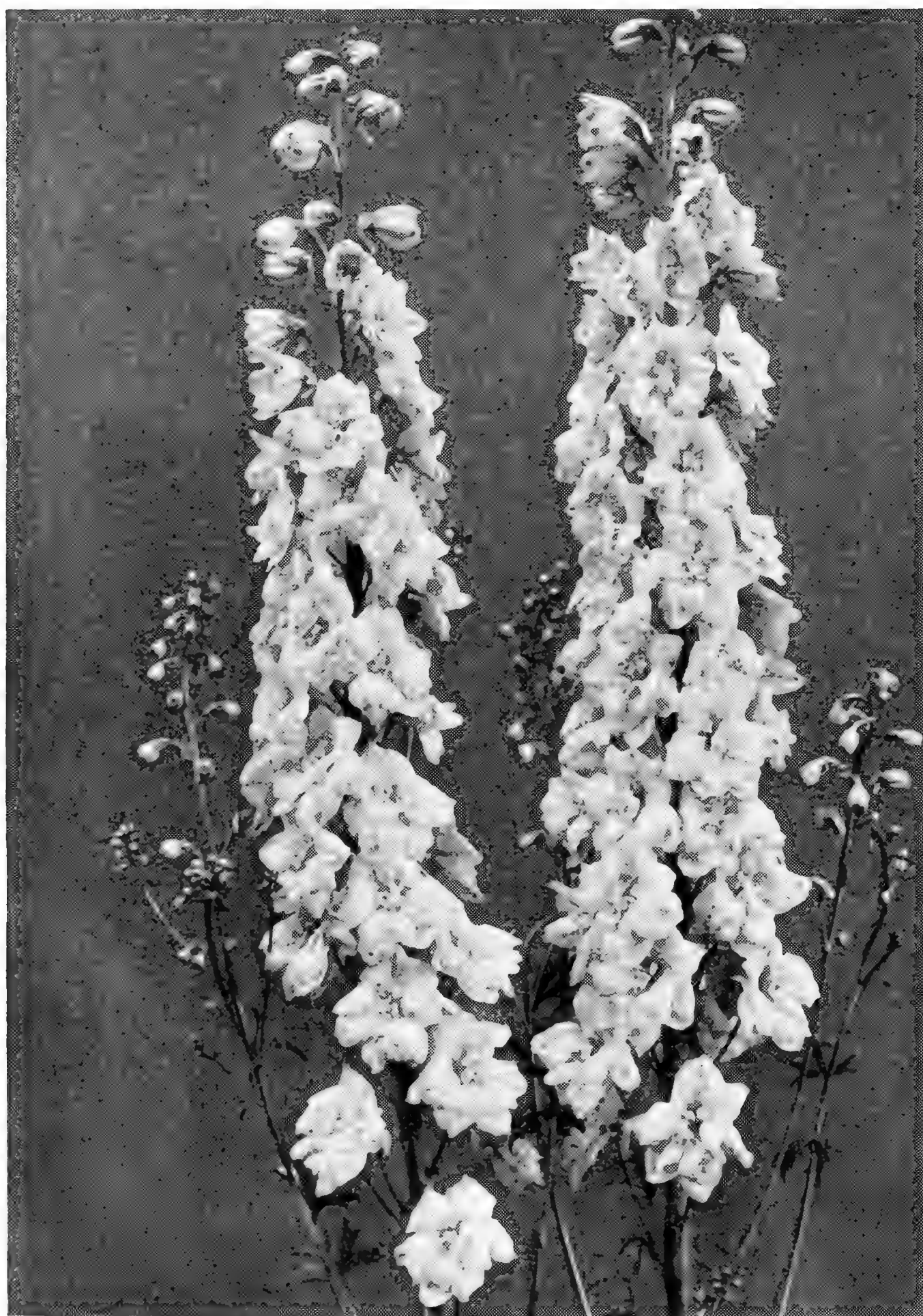
To each plant of Phlox Columbia sent out by Wayside Gardens is attached a wooden label with the plant patent number 118. Plants offered for sale without this number and label are not true!

Note the moderate prices!

Each .....	\$0.50
Three for .....	1.25
Dozen .....	4.50



# ENGLISH DELPHINIUMS



## English Delphiniums - Wayside Gardens Hybrids

Three	\$1.60
Doz.	4.50
100	35.00

Here offered are the newest, the best and the finest to be secured anywhere. The range of colors varies from the palest shade of blue to the deepest indigo-blue and royal purple with many intermediary pastel tones of mauve, pink and lavender blendings. Among these new hybrids are flowers of huge size in both single and double forms. This strain has been raised from seed saved from the finest named kinds in creation. Visitors at our nursery proclaim them the best they have ever seen. Those who wish to perfect their already much prized borders cannot afford to overlook these wonderful hybrids.





# Hardy Herbaceous and Alpine Plants

(Hardy Border and Rock Plants)

Gardeners and lovers of flowers know about the importance of Hardy Perennial plants in the garden. Beginners, we would like to tell that these plants are long lived and with modest care and attention grow larger and finer from year to year. They exist in infinite variety ranging from the tiniest edging of rock plant to tall stately robust plants for backgrounds in larger garden.

Careful selection of plants will enable you to enjoy hardy flowers from earliest spring until snow. Masses of bloom may be had long before the annuals show color.

The most successful and colorful hardy gardens are those which

## ACHILLEA - Milfoil or Yarrow

Showy rock and border perennials, some of which are valuable for cut flowers. Some have silvery and others elegantly cut foliage, which add considerably to the beauty of the plants.

**Culture.** All will succeed in any good, ordinary soil in sunny borders. A too rich soil should be avoided. Plant in autumn or early spring, 8 to 10 inches apart. As nearly all grow freely, it is advisable to lift, divide, and replant every third year. Directly after the plants cease flowering, cut the shoots back.

**Eupatorium** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(syn. *filipendula*). 3 to 4 feet. Flat heads of brilliant yellow flowers; finely cut foliage. Blooms last dried all winter.

**Millefolium roseum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Rosy Milfoil). July to October. Rosy pink flowers in dense heads, on stems 18 inches high. Effective on edge of shrubbery or in border.

**Ptarmica, Perry's White** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Large, pure white flowers; broad, overlapping petals. Nothing better for cutting. 1 to 2 feet. June to September.

**Ptarmica, The Pearl** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pure white, double flowers all summer. Prized for cutting.

**Ptarmica, Snowball** Three \$0.85, Doz. \$2.75, 100 \$18.00  
New. An improvement on "The Pearl", with fuller and more perfect flowers. Best for borders; neat plant.

**\*Sibirica** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Mongolica). Noted for its graceful silvery leaves, white flowers in June and July. A splendid plant for dry exposed places. 12 inches.

**\*Tomentosa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Bright yellow flowers. Excellent for rockeries; 6 to 8 inches. July to September. Plant 4 inches apart.

## ACONITUM - Monkshood

Lovely late summer and autumn flowering perennials of stately growth, particularly adapted for shady or half-shady borders.

**Culture.** Aconitums will flourish in any good, ordinary soil that is fairly moist. They are especially suitable for shady or semi-shady position, and are best grown in groups of three or more. Plant in autumn or very early spring, 6 to 8 inches apart. They display their beauty to the best advantage when they have become well established and formed large clumps. It is, therefore, advisable not to disturb the plants frequently.

**Autumnalis** Three \$1.60, Doz. \$4.50, 100 \$35.00  
September-October. Large, dark blue flowers in a raceme on 3 to 4 foot spikes.

**Fischeri** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A dwarf variety with dark blue flowers. September and October. 2 to 3 feet. This is the hardiest and most useful of all the Aconites.

**Napellus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Upright, single spike reaching height of about 3 to 4 feet. The straight spike is covered during July and August with dark blue flowers.

**Napellus bicolor** Three \$1.40, Doz. \$4.00, 100 \$30.00  
The same habit and flowering time as *Napellus*, listed above. The flowers are blue and white. Looks very fine in clumps of six or more.

**Sparks' Variety** Three \$1.20, Doz. \$3.50, 100 \$25.00  
July- and August-flowering; tall branched spikes. 4 to 5 feet high, covered with deep blue flowers in great abundance.

**Wilsoni** Three \$1.70, Doz. \$5.00, 100 \$40.00  
The true variety which we are herewith offering is the late autumn-flowering kind, producing 6- to 7-foot spikes covered with beautiful mauve colored flowers. It is a very rare and lovely variety.

## ADENOPHORA - Gland Bellflower

These closely resemble the *Campanulas*. They have coarsely serrated or entire leaves, and bear their drooping blue campanula-like flowers in loose branching spikes.

**Culture.** They require a deep rich, and fairly moist, well drained, loamy soil and a sunny position. Plant in fall or spring, 6 to 8 inches apart.

**Potanini** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A plant resembling *Campanula*, but more shrubby in habit. Flower spikes are from 2 to 3 feet long, the bell-like flowers 1 1/4 inches across and light blue during July and August.

are planted early in the fall or early in spring and where three or more plants of one kind have been planted in a good sized single group. In the larger gardens it is best to use six or even a dozen plants of one variety. Create solid bold masses. Gardens so planted are easy to take care of and unquestionably the most satisfactory.

You, perhaps, know that Wayside Gardens are the best known, as well as the most critical, growers of Hardy Plants in the country. This reputation has been gained by painstaking caring for the needs of customers. We are ready to help you and sincerely hope that you will afford us this opportunity this year.

## AETHIONEMA - Persian Candytuft

Dwarf rock plants of most fascinating character. The foliage is glaucous blue, stems are woody at the tips of which are produced rose and rose-pink flowers. Suitable for the rock garden or for grouping on the margins of borders.

**Culture.** All will thrive in ordinary, light, sandy or well drained, gravelly soil. Wet, heavy soils are unsuitable. They are especially adapted for sunny places in the rock garden. When plants are received, cut back about one-half of branches. Plant in fall or very early spring, four to six inches apart.

**\*Grandiflorum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
12 inches high. Blue-green foliage which remains handsome all summer. During June the plant is covered with long spires of clear rose colored flowers.

**\*Persicum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Strong twiggy bushes, covered with long, slender spikes of rosy pink flowers. One of our best rock plants. 9 inches. June-July flowering.

**Pulchellum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Also called *Coridifolium*. A little beauty which branches freely with dense racemes of rosy lilac flowers.

## AGAPANTHUS - Blue Lily of the Nile

Beautiful lily-like plants with graceful and ornamental foliage from the base of which springs straight stems topped with clusters of blue lily-like flowers.

**Culture.** Will thrive in any good ordinary garden soil in full sun or very light shade. Plant in spring. Protect in cold regions.

**Umbellatus** Plants in 6 inch pots, Each \$1.50, Doz. \$15.00  
(Blue Lily of the Nile). A most desirable plant for decoration of terrace or formal pools. Planted in large pots or tubs on the lawn or piazza they make a very fine picture. They must be stored inside, however, in cold sections of the country as they are not hardy. Specimen plants, price on application.

**\*Umbellatus Mooreanus** Each 60¢, Three \$1.70, Doz. \$5.00  
Grows about 18 inches high, leaves rather short and upright; flowers are large and dark blue, as large as of *Umbellatus* itself. A lovely small plant for the rockery or near a small pool or stream. June, July and August flowering. Quite hardy.

Agapanthus Mooreanus



**AGROSTEMMA – Rose Campion or Joy of Love**

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers, which are produced during June and July.

**Culture.** All will thrive in ordinary soil in sunny borders. Coronaria, indeed will succeed in poor, sandy soils. Plant in autumn or spring, 8 to 10 inches apart.

**Coronaria** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Mullein Pink). Bright rosy crimson flowers, 2½ to 3 feet high. Its silvery foliage and constant blooming make it a fine garden plant.

**AJUGA – Bugle**

Dwarf, creeping perennials. The leaves are a rich shiny green, and the shoots more or less creeping. Excellent plants for edging or carpeting bare spots. Suitable for sun or shade.

**Culture.** They will thrive in good, ordinary soil in sun or partial shade. They make excellent edging plants in shady borders or for shady spots in the rock garden where a quick growing plant is required, also excellent for carpeting ground under shade trees where grass will not grow. Plant in autumn or spring 6 inches apart.

\***Genevensis** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Grows 6 to 8 inches high; dense spikes of blue flowers in May and June.

\***Reptans rubra** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Grows 3 to 4 inches high, with deep purplish blue flowers in May and June.

**ALYSSUM – Madwort; Basket of Gold**

Attractive early-flowering perennials, suitable for growing on the margins of sunny borders or sunny places in the rock wall or rock garden.

**Culture.** The varieties offered will succeed in any good, ordinary soil which must be thoroughly drained. They are best grown in groups of three or more in the rock garden, or as edgings to beds. Plant in fall or spring, about 6 to 8 inches apart. Alyssum Saxatile is frequently used for carpeting beds planted with spring bulbs; and is very effective for that purpose.

\***Argenteum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Dense growing. Leaves silvery gray, flowers yellow in clustered heads. About 15 inches.

\***Citrinum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Similar to Saxatile, but flowers are pale citron-yellow. 1 foot.

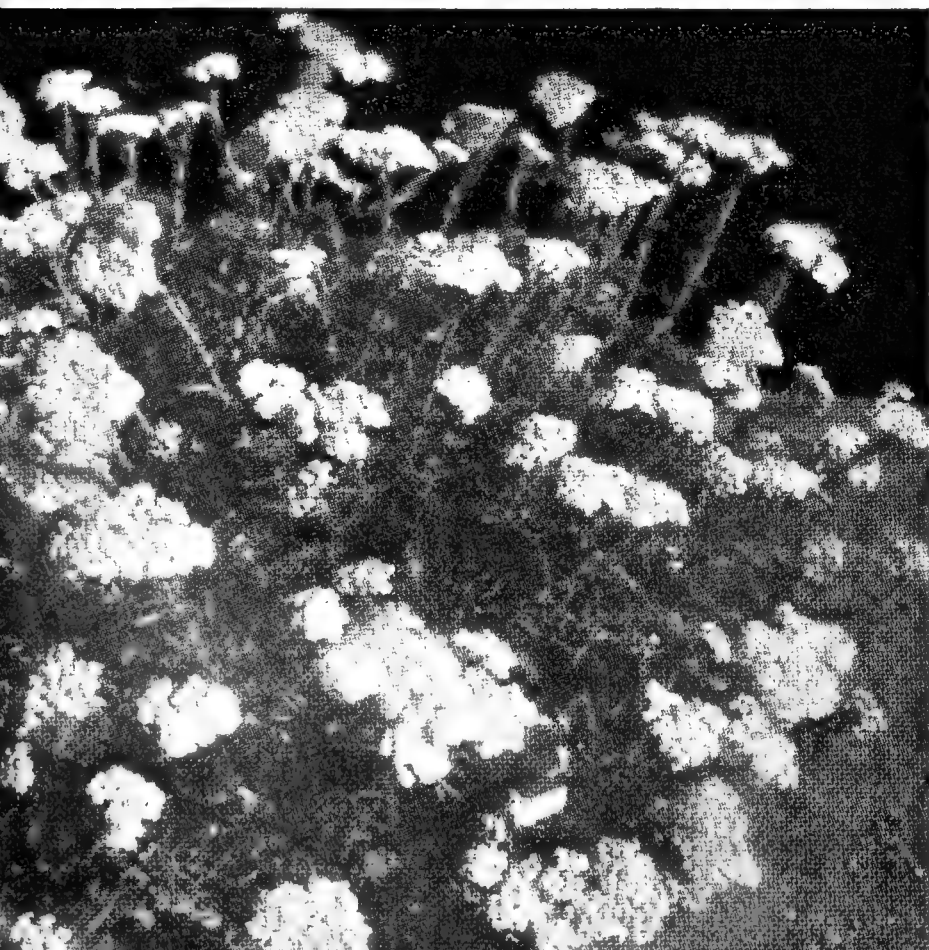
\***Saxatile compactum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Big clusters of bright yellow flowers in early spring. An excellent plant for the rockery or front of borders. One of the best early yellow plants to sow with Tulips; 12 inches high.

\***Serpyllifolium** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Alpestre). Very dwarf. 4 to 5 inches high, with racemes of pale yellow flowers and rough gray leaves. Charming for the rock garden. Follows just after Saxatile is out of bloom.

\***Spinulosum roseum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A rare plant with handsome silvery gray foliage and fine pink flowers; a neat, small-leaved species remaining longer in beauty than any of the others. For wall or rock garden. 10 inches.

**Wulfenianum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A fine compact and neat growing prostrate plant with dark green foliage and golden yellow flowers.

Achillea Tomentosa



Anemone Pulsatilla

**ALLIUM**

A very large family of bulbous plants practically found all over the world.

**Culture.** Grow in any good soil in sunny position in the rock garden. Plant three to five inches apart in autumn or spring.

**Cernuum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Known as the "Nodding Garlic" A pretty plant 9-12 inches producing attractive pink nodding flowers.

**Carinatum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A pretty species. Heads of violet-purple flowers in June and July. 9 to 12 inches high.

**Senescens (Glaucum)** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Daintily twisted blue-gray leaves and neat heads of pink flowers.

\***Thibetica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This variety was introduced from Thibet. Height 6 to 8 inches. Flowers on short stems in clusters are a lilac-mauve. Blooms during June and July. Excellent for rock garden and edging.

**ALSTROEMERIA – Peruvian Lilies**

A very beautiful genus. Their Lily-like blossoms make fine cut flowers as well as garden subjects.

**Culture.** Easily grown in well drained sandy soil in full sun. Plant early spring. Cover roots about 4 inches. Set 6 to 8 inches apart and protect in winter.

**Chilensis Hybrids** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Neat upright growing plants about 24 inches high with loose heads of brilliant colored flowers. The predominating shades are rose, apricot, blush, white and yellow. Invaluable for cutting.

**AMSONIA**

Free-flowering perennials, long stems with willow-like foliage and lovely heads of light blue flowers in panicles; especially fine for cutting.

**Culture.** Ordinary soil and a sunny position will suit them. Plant in autumn or spring, 10 to 12 inches apart.

**Tabernaemontana** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flowers late May and early June, producing numerous flowers of light blue in panicles, on 2 to 3 foot stems; fine for the hardy border or planted among shrubbery.

**ANCHUSA – Alkanet**

Stately and handsome herbaceous perennials belonging to the Forget-me-not order. It is difficult to imagine a more beautiful plant than a well grown specimen of a Dropmore when in flower. The leaves are hairy and silvery green and the brilliant blue flowers are borne in racemes on branching stems.

**Culture.** Anchusas require a deep, well drained soil, not too damp or heavy, and a sunny position. They are best grown singly, so that they can display their natural contour to good advantage. Plant in fall or early spring, 18 inches apart, except Myosotidiflora, which should be planted in groups of three or more, about 8 inches apart.

**Dropmore** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Tall spikes of beautiful blue flowers in June and intermittently all summer. 4 to 5 feet.

**Opal** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very beautiful variety, with large, pale blue flowers in June and intermittently all summer. 3 to 4 feet.

\***Myosotidiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A distinct dwarf perennial from Russia, with clusters of charming blue flowers resembling Forget-me-nots. An effective plant for shady or sunny places. Flowering in May and June. 12 inches high.

**ANDROSACE – Rock Jasmine**

Fascinating small rock plants, forming small rosettes of silvery hairy foliage at the ends of wiry runners.

**Culture.** Require a well drained, gritty soil. In sticky clay or hot, loose sand they will not survive. Protect from heavy rains and excessive moisture in general. Plant in fall or early spring, 3 to 4 inches apart, in sheltered, sunny places in the rock garden.

\***Sarmentosa** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Chumbuiji). One of the easiest and best. Rosettes of silky foliage and heads of verbena-like blossoms of pink on stems about six inches high. From the Himalayas. June and July flowering.





Anchusa Myosotidiflora

**ANEMONE JAPONICA - Japanese Windflower**

Valuable plants suitable for massing or as single specimens in the border. They grow rapidly and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from September till mid-November, the large, open flowers furnishing abundant cut flowers and a brilliant display in the garden. All are 2 to 3 feet high.

**Culture.** Ordinary, good garden soil which is well drained will suit all varieties. They do well in light shade or sun, should be watered freely during dry weather. In temperate parts of the United States, fall planting is practical. Best results are obtained from vigorous young plants set out in late spring. Plant in well drained locations, 8 to 12 inches apart and protect with straw during winter.

- Alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Purest single white, with yellow center.
- Alice** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Large flowers of rose-pink, lilac center; excellent new variety. The best and strongest grower of all pink sorts.
- Buhler Kind** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Early double white. A lovely flower to cut.
- Kriemhilde** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Double, rich pink; of excellent form and very free.
- Prince Henry** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Double red flowers; dwarf, but early. Very satisfactory.
- Queen Charlotte** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Abundant semi-double flowers, broad and perfectly formed; "La France" pink
- Rubra flora plena** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Double rose colored blooms in great profusion.
- September Charm** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flower is of medium size. The color is delicate silvery pink, shaded with rose, presenting a beautiful color mass when grouped. Extremely free and attains an average height of 2 feet
- Whirlwind** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Excellent double white flowers. An old fashioned variety but a great favorite.

**ANEMONE (Species)**

A genus which furnishes many showy species of hardy flowers for cutting. Some commence to flower very early in the year, and others early in autumn. Their requirements are simple and all are easily grown.

**Culture.** Because of the many species offered, most of which require different soils and care, cultural instructions are given with each kind listed. All may be planted in fall or early spring. Are hardy and do not require winter protection which is advised for the Japanese varieties.

- \***Hepatica coerulea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Wood Anemone). A pretty native, spring-flowering plant, with blue flowers; prefers shade, but will do fairly well in any open situation in moist, rich loam. We offer large clumps, each consisting of 6 to 12 flowering crowns.
- \***Hupehensis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Early Anemone). The plant grows from 12 to 14 inches high and from early in August until late in the autumn produces an abundance of flowers about 1½ inches in diameter, of a pleasing mauve-rose. Similar to the Japanese Anemone. Plant 8 to 10 inches apart in ordinary good garden soil in sun or light shade.
- \***Pulsatilla** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Pasque Flower). Grows from 9 to 12 inches high and produces violet or purple flowers during April and May. An interesting plant for the rocky or well drained border. Plant in full sun, 6 to 8 inches apart.
- \***Pulsatilla rubra** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Of dwarf habit with reddish-purple flowers.
- \***Pulsatilla alba** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Same habit as the Pulsatilla with beautiful white flowers. Very rare.
- \***Sylvestris** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Fine for cool, moist corner of rock garden or border. Large, white blossoms on nodding stems of about 12 inches. Blooming freely in May and June. Lovely cut flower. Plant 8 to 10 inches apart.

**ANTHEMIS - Chamomile**

Free flowering perennials with elegantly cut foliage and daisy-like flowers. Suitable for edgings or grouping on the margins of borders. Flowers are especially fine for cutting.

**Culture.** Ordinary soil and a sunny position will suit all kinds. Plant in autumn or spring, 10 to 12 inches apart.

- Aizoon** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Also called Achillea Ageratifolia. One of the prettiest of mountain Chamomiles. About 6 inches high. Fine silvery foliage with small yellow flowers.
- Tinctoria** Three \$0.85, Doz. \$2.50, 100 \$18.00  
(Kelway's Variety). Handsome, finely cut foliage, and large golden yellow flowers produced all summer. Succeeds in the poorest soil; excellent cut flowers.

**ANTHERICUM - St. Bernard's or St. Bruno's Lily**

A lovely plant with narrow, leaves and lily-like flowers borne in graceful sprays. Useful for flowers for cutting; also very graceful subjects for sunny borders.

**Culture.** They require a deep, rich, well drained soil. Heavy and damp soils are not suitable. They will succeed in sun or partial shade, and require copious supplies of water in dry weather. Best grown in groups of six. Plant in autumn or spring, 6 to 8 inches apart. Top-dress annually in early spring with well-rotted manure.

- Liliastrium major** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Lovely spikes of white flowers 1½ feet high in May and June. A choice border plant.
- Ramosum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely graceful plant with good foliage and many strong thin stems covered with small lily-like white blooms in panicles, from June until August. Very graceful with other flowers.

**AQUILEGIA - Columbine**

**Culture.** Columbines succeed in ordinary soils containing plenty of humus, provided by dressings of peat and well-decayed manure. Heavy soils are not suitable for the hybrids, but good for the common species. All prefer partial shade; besides, the flowers develop better, grow larger, and last longer in perfection in partial shade than in sun. Plant in fall or spring, 8 to 10 inches apart. Best grown in groups of three or more. Excellent combined with Japanese Anemone.

- Canadensis** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Common American Columbine). The native bright red and yellow variety, and one of the brightest.
- Chrysantha** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Beautiful golden yellow flowers; blooms for two months.
- Chrysantha alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
White form of above.
- \***Coerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Rocky Mountain Blue Columbine). Lovely blue flowers with long spurs.
- Crimson Star** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Its flowers are very large with crimson sepals and spurs and white petals; an entirely new color in Aquilegias. The plant has a sturdy free-flowering habit.

**Anemone Japonica Varieties**



Arabis Alpina flore pleno

**AQUILEGIA—Continued**

- Dobbie's Imperial Hybrids** Three \$1.20, Doz. \$3.50, 100 \$25.00  
These new long-spurred Columbines are unequalled for their range of colors and sturdiness. They have received a great deal of attention abroad and are considered in England the best mixture offered today.
- \***Flabellata nana alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A delightfully dwarf variety for the rock garden, perfect foliage and ivory-white flowers. The whole plant not over 8 to 10 inches high. A quaint Japanese species.
- Hensol Harebell** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A vivid blue species of medium height, free flowering. Most attractive in the border, may also be used in the rockery.
- Scott Elliott Long-Spurred Hybrids** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Wonderful colors with very long-spurred flowers. Our stock is from seed from this breeder, absolutely true strain.
- Sutton's Long-Spurred Hybrids** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A mixture of lovely long-spurred Columbines from which all harsh tones and inferior forms have been removed.
- Nivea grandiflora** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A fine white, robust variety; profuse bloomer.
- Skinneri** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Excellent in shady places where its greenish yellow and scarlet flowers show off to great advantage.
- Wayside Pink** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A beautiful strain of clear pink colors, with long spurs. We do not think that they can be surpassed.

**ARABIS—White Rock-Cress**

Useful plants, suitable for forming edgings to beds and borders, and fine for rockery or dry wall.

**Culture.** Any good, ordinary soil that is not too damp will suit the Arabis. Plant 6 inches apart in autumn or spring. After the flowers have faded cut the straggling shoots back moderately to encourage a new tufted growth. Do well in either shade or full sun.

- \***Alpina** Three \$0.85, Doz. \$2.50, 100 \$18.00  
Pure white flowers produced in dense masses, splendid for border and rockery work, and last quite some time when cut.
- \***Alpina flore pleno** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Same as above but with double white flowers; very fine rock plant and fine for cutting. Really a lovely thing when combined with other small flowers.
- \***Alpina rosea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Similar in habit to the above. The flowers are a delicate pale pink.
- \*\***Procurens** Three \$1.35, Doz. \$3.85, 100 \$28.00  
A prostrate, creeping plant with glossy evergreen leaves which form a dense carpet on the ground. The flowers are white on upright, slender stems in April and May. Best grown in rock garden or rock wall. Does well in shade.

**ARENARIA – Sandwort**

All of dwarf-growing or creeping habit. Splendid plants for the rock garden and for planting in flagstone walks or terraces. Montana especially is a very lovely plant for large masses in the rock garden.

**Culture.** All require a well drained, sandy soil, not too rich, and they prefer a sunny location in the rock garden or rock-wall. Plant in fall or early spring, 4 to 6 inches apart.

- \*\***Balearica** Three \$1.20, Doz. \$3.50, 100 \$25.00  
An emerald mantle for shady rocks. Myriads of white, fairy, starlike flowers in May, one-half inch high.
- \***Grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00  
From the Pyrenees Mountains. Covers itself with pure, snow-white, starlike flowers. One of the best of all rock plants. May flowering.
- \***Montana** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Close tufts, profusely covered with small, silvery white flowers quite early in the season. Excellent as an edging plant in formal gardens and for rockeries in sunny places. The flowers in May resemble small, white, upturned morning glories.
- \*\***Verna caespitosa** Three \$1.10, Doz. \$3.25, 100 \$22.50  
A prostrate growing plant creeping low over the ground and between cracks in stones. Excellent for planting between flagstones, on terraces or walks.

**ARMERIA – Thrift or Sea-Pink**

Dwarf-growing perennials with grassy leaves and a tufted habit of growth. The flowers are borne in globular heads from May until the end of July, plants are suitable for edgings to borders, beds and form lovely clumps in the rock garden.

**Culture.** Grow in dry, sandy soil and sunny position. Plant 6 to 8 inches apart in autumn or spring.

- \***Cephalotes rubra** Three \$1.20, Doz. \$3.50, 100 \$25.00  
8 to 10 inches; deep pink flowers freely produced from a neat cushion-like plant.
- \***Lauchiana** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Bright rosy red, 3 to 6 inches. May-June. Very free flowering. Evergreen foliage.
- \***Maritima** Three \$1.00, Doz. \$3.00, 100 \$20.00  
3 to 6 inches. May and June. Valuable for edging; flowers pale pink; foliage grass-like, evergreen.
- \***Maritima alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
3 to 6 inches. May and June. Tufts of deep green foliage; white flowers; evergreen foliage.
- \***Wayside Gardens Tall Hybrids** Three \$0.85, Doz. \$2.75, 100 \$18.00  
18 to 24 inches. June to October. Large flowers of delightful white, rose and pink shades. Very useful for edging and cutting.

**ARTEMISIA – Southernwood; Sage Brush**

Shrubby, sagelike plants suitable for the hardy border. They have more or less hairy, finely cut leaves and yellow or white flowers, borne in panicles. Only about three are worth growing.

**Culture.** Ordinary soil and a dry, sunny border for Silver King and a moist one, but well drained, for Lactiflora. Plant in autumn or spring, 8 to 10 inches apart.

- \***Abrotanum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Dwarf plant with silvery gray, highly aromatic foliage; yellow flowers in July; good for margins of the border or bold groups in the rockery.
- Lactiflora** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A tall-growing plant of fine foliage and heads of small, white flowers in August and September, which fill the garden with fragrance.
- Silver King** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A striking white-leaved contrast plant. A beautiful "mist" for setting off bouquets and floral combinations. The entire color effect bright frosted silver. Three feet high. Sprays may be cut to mix with winter bouquets.

**ASCLEPIAS – Butterfly Weed**

To this genus belong many species, most of them not worth while for the flower garden. Some may be used in the wild garden, but there are more worth-while plants even for that. Tuberosa is the only one considered.

**Culture.** Tuberosa requires a sandy soil while all the rest do best in a moist, peaty soil. Requires sun. Plant in autumn or early spring, 6 to 8 inches apart.

- Tuberosa** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Attractive plants, flowering during July and August and growing about 1 1/2 feet high. Produces umbels of varying orange colored flowers which are lovely to cut and last a long time.

**ASPERULA – Woodruff**

Pretty dwarf, white-flowered perennials. They have long, creeping stems, whorled leaves, and four-lobed flowers. Excellent plants for shady positions under shrubs, trees, or in shady place in rockery or woods.

**Culture.** Will thrive in ordinary soil in shady positions. Plant in autumn or spring, 6 to 8 inches apart. They soon spread into bold masses.

- \***Odorata** Three \$1.20, Doz. \$3.50, 100 \$25.00  
6 to 8 inches high. Increases rapidly and is used for carpeting shady places and in the woods. Heads of small white flowers appear just above the foliage in May. A fine, scented herb reminding one of new mown hay. A grand plant for hardy shady places in woods or rock garden.



## WAYSIDE GARDENS

### ASTER – Starwort or Michaelmas Daisy

Lovely autumn-flowering perennials, the value of which for border decoration, or cut flowers, is inestimable. There are scores of lovely varieties in all shades of blue, white, pink, and crimson to select from. They range in height from about 1 to 3 feet. Both the species and varieties may be grown in the hardy borders, or in borders by themselves, or in the wild garden.

**Culture.** Michaelmas Daisies will thrive in any soil and almost under any rough treatment. They may be grown with other perennials in the mixed border, or in a border in conjunction with Lilies and Tritomas, where they form a gay autumnal display. In June thin out all the weak growths, and retain not more than three to four of the strongest shoots to each plant. These growths will then branch out freely and yield immense heads or sprays of flowers in early autumn. Plant in fall or spring, 2 feet apart, in full sun. Lift and divide every third year.

**Alderman Volkes** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely novelty, brilliant rosy red blooms, clusters of good size. Very free flowering and very brilliant. About 24 inches tall. One of the best new Asters.

**Amethyst** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A purple-blue variety of outstanding merit. The almost fully double flowers are produced by the hundred on fine upright stems about three feet high.

**Barr's Pink** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A strong, vigorous grower forming shapely plants from 4 to 5 feet high; the finest bright pink.

**Blue Gem** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Double flowers of rich blue; the best blue in cultivation.

**Climax** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of the best and showiest, with large, pyramidal spikes of large, light lavender-blue flowers; very free. 5 feet. Excellent as a cut flower.

**Dazzler** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Semi-double, brilliant rosy red. An entirely new shade in Hardy Asters. Open rigid branches are covered with bloom early in October.

**Elta** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Semi-double, pale lilac. 4 feet high.

**Feltham Blue** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A pretty aniline blue; very free.

**Glory of Colwell** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Good sized, almost double; ageratum-blue flowers.

**Joan Vaughan** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Large semi-double flowers of deepest blue.

**Lady Lloyd** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A very fine, clear rose-pink. Lasts exceedingly well.

**Mauve Queen** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very large, semi-double flowers of clear mauve.

**Mrs. Raynor** Three \$1.20, Doz. \$3.50, 100 \$25.00  
The nearest red of all Asters; good form.

**Queen Mary** Three \$1.00, Doz. \$3.00, 100 \$20.00  
With graceful flowers 2½ inches in diameter arranged loosely in branching panicles of a particularly pleasing blue tinted lavender; 3½ feet high.

**Royal Blue** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Rich deep blue. Good strong grower. Quite early. 3 feet.

**Robert Parker** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Pale heliotrope. Compact bush. 4 feet high.

**Sam Benham** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Fine semi-double white. Excellent for cutting. 4 feet.

**St. Egwin** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A pleasing rosy pink; very free blooming; dwarf habit.

**Sunset** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A glorious sunset-pink. Good habit and extremely free flowering. One of the best new pink sorts. Grows about 36 inches tall.

**White Climax** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Large single white flowers freely produced. 4 feet.

**White Lady** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Pure semi-double white flowers, freely produced. The best of the white varieties. 36 to 48 inches tall.

### ASPHODELUS – Asphodel

Strong growing perennials reminding one of the Eremurus (Foxtail Lily); in fact, in Europe they are the "poor man's" Eremurus. They have narrow, roundish rather ornamental leaves and produce their yellow flowers in long, narrow racemes. Does well in front of shrubbery, in the border, or wild garden.

**Culture.** Require a rich, deep, well manured soil. Plant in autumn or spring, 8 to 10 inches apart.

**Luteus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Tall spikes of bright yellow flowers; very fragrant swordlike foliage; fine for borders; plant in groups of three or more for the best effect.

**ASTILBE** (See Spirea).



*Aquilegia Flabellata nana alba*

### NEW DWARF ASTERS

The new dwarf Asters are unquestionably among the most worth while plants that have recently come to us from England. Very neat in habit with attractive foliage and in September and October are graced with hundreds of blooms of the most delicate shades of lavender, pink and lilac. Not one person who saw them growing in our nurseries but admired them and purchased some.

They rarely exceed one foot in height and during the blooming period in September the plants are completely covered with blossoms. They are exceptionally valuable for the edging or for grouping in the front of borders and are also charming for the rock garden, coming at a time when the rock garden is void of flowers. Perfectly hardy and grow most anywhere in any good garden soil.

**Constance** Each 50c, Doz. \$5.00  
A really pure shell-pink, a delightful color, of very graceful habit. October. 9 inches.

**Countess of Dudley** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Charming clear pink flowers with yellow eye, of bushy habit and free-flowering. Late September. 9 inches.

**Diana** Each 50c, Doz. \$5.00  
Large delicate soft pink semi-double flowers with pretty feathery green foliage. September. 9 inches.

**Hebe** Each 50c, Doz. \$5.00  
A compact variety with small deep pink flowers, an ideal rock plant. September. 10 inches.

**Lavanda** Each 50c, Doz. \$5.00  
Lavender-blue flowers, very free-flowering and early, commencing to bloom early. September. 6 inches.

**Lilac Time** Each 50c, Doz. \$5.00  
Lovely soft lilac flowers, free-flowering, of bushy habit. September-October. 12 inches.

**Lady Henry Maddocks** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Clear pale pink flowers, very free-flowering and of dwarf compact habit. September. 1 foot.

**Marjorie** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A charming plant of compact habit, bearing large flowers of a bright rose-pink. Mid-September. 1 foot.

**Nancy** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Of dwarf bushy habit and very free-flowering, the plants being covered with pale flesh-pink flowers toward the end of September. 1 foot.

**Niobe** Each 50c, Doz. \$5.00  
The only white variety, of dwarf compact habit with pure white flowers. September. 6 inches.

**Ronald** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Forming a dwarf bush covered with flowers of a pleasing bright shade of lilac-pink with rose-pink buds, very showy. Mid-September. 1 foot.

**Snowsprite** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A very dwarf, early fall-flowering variety forming compact clumps. These are smothered with large semi-double white flowers. Early September. 1 foot.

**Victor** Three \$1.00, Doz. \$3.00, 100 \$20.00  
The dwarfest of all and very pretty. The flowers are of good size and of a beautiful clear pale lavender-blue; a charming rock plant, flowering early September. 8 inches.



## ASTER SPECIES

A genus which furnishes many showy species of hardy perennials for border or rock garden; also attractive flowers for cutting. Some commence to flower very early in the year, and others early in autumn. Their requirements are simple and all are easily grown.

**Culture.** May be planted in fall or early spring in ordinary garden soil.

**Alpinus albus** Three \$1.00, Doz. \$3.00, 100 \$20.00

Fine dwarf white Aster, bearing large, single white flowers on stems 6 to 8 inches high. May and June. Excellent for rock gardens; plant in full sun, 6 to 8 inches apart.

**Alpinus, Goliath** Three \$1.20, Doz. \$3.50, 100 \$25.00

Indispensable for the rockery or edge of hardy borders; 6 to 10 inches high, and bears large, showy, bluish purple flowers in May and June. Plant in full sun, 6 to 8 inches apart.

**Alpinus rubra** Three \$1.20, Doz. \$3.50, 100 \$25.00

Also good for the rock garden or as an edging plant, producing rose-purple flowers; 6 to 10 inches high. May and June. Plant in full sun, 6 to 8 inches apart.

**Amellus elegans** Three \$1.00, Doz. \$3.00, 100 \$20.00

Long, graceful sprays of soft lavender. Good for the border; flowers in August. Plant in full sun, 10 to 12 inches apart.

**Diplostiphoides** Three \$1.20, Doz. \$3.50, 100 \$25.00

(Dubia). A very fine dwarf Aster for the rock garden, producing early in the season, pale blue flowers. 2 to 3 inches across. Plant in full sun, 10 to 12 inches apart.

**Frikarti, Wonder of Staffa** Three \$1.50, Doz. \$4.75, 100 \$35.00

We consider this the best of the summer and fall flowering varieties, in fact it is one of the finest constant summer flowering plants in existence, and admired by all who grow it. It is neat in growth, upright and of free branching habit. Lavender-blue flowers are freely produced from August until late October. Height about 24 to 30 inches.

**Mauve Cushion** Three \$1.00, Doz. \$3.00, 100 \$20.00

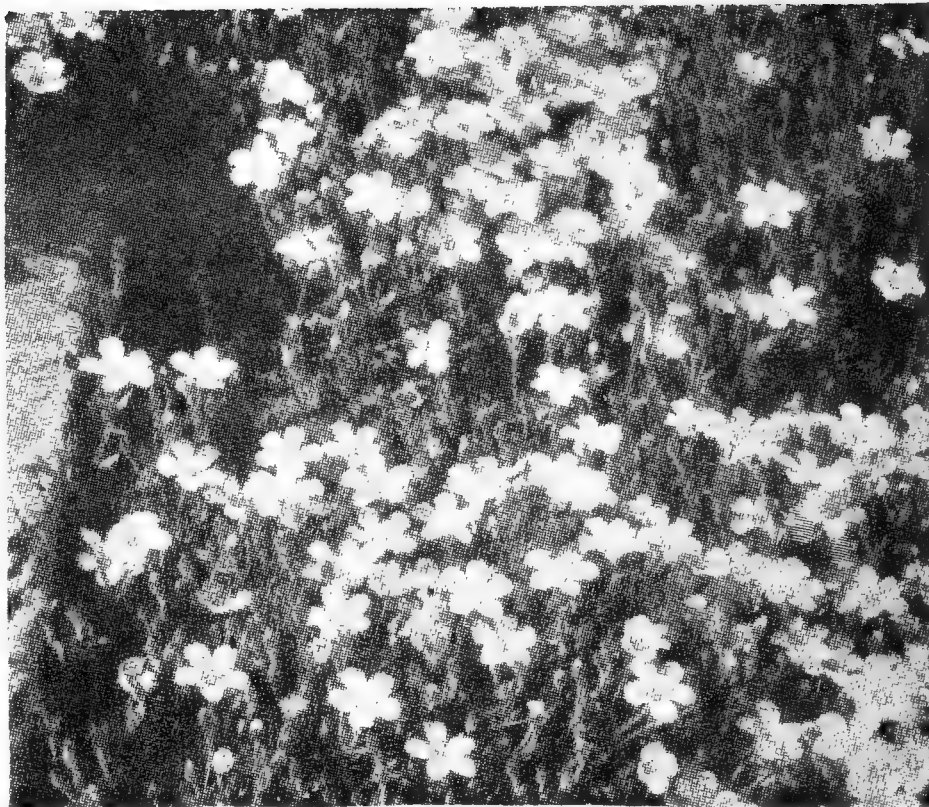
Distinct species. It forms a circular cushion-like plant 1½ feet across, rarely exceeding 9 inches in height, the flowers of delicate, soft mauve, with silvery white reflections, measure over 1¼ inches in diameter, and are produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November. Plant in full sun, 1 foot apart.

**Tataricus** Three \$1.00, Doz. \$3.00, 100 \$20.00

Distinct, large bluish violet; very late. 6 feet. Plant in full sun, 2



Achillea, The Pearl



Arenaria Montana

## AUBRIETIA - Purple Rock-Cress

Although strictly a rock plant, yet they are also most attractive subjects for growing in masses in, or forming edges to borders. They are also much used for carpeting the surface of beds planted with spring bulbs.

**Culture.** Aubrietias will thrive in any fairly good, well drained soil. On heavy or damp soils they are apt to freeze out in winter. Best grown in masses in the rock garden, or as edgings. Plant six inches apart in autumn or very early spring.

**Eyri** Three \$1.00, Doz. \$3.00, 100 \$20.00

Rosy lilac; best of all, and especially fine in clumps in combination with bulbs.

## BAPTISIA - False-Indigo

**Culture.** A deep, rich soil and a sunny position is desirable for these plants. They should be given ample space to grow, so as to display the natural beauty of the foliage. Plant in autumn or spring, 12 to 18 inches apart.

**Australis** Three \$0.85, Doz. \$2.75, 100 \$18.00

Dark blue, pea-shaped flowers in June, are produced on top of spikes 2 feet high; suitable for the hardy border or wild garden. Very attractive foliage all summer.

## BELLIS PERENNIS - English Daisy

The double-flowered Daisies have descended from the Wild Daisy of lawns. They are favorites for edgings and extensively used in Europe. They are most attractive plants for spring bloom, and not difficult to grow.

**Culture.** Succeed best in a medium, moist soil. They do not thrive in dry soils or hot positions. They can be grown as edgings to beds or borders, grouped in colonies on the margins of borders, or used for carpeting beds of bulbs. Plant in fall or spring, 4 to 6 inches apart, cover lightly during winter.

**Perenne, Snowball** Three \$0.75, Doz. \$2.50, 100 \$15.00

Mammoth white, may also be used for cutting.

**Perenne, Longfellow** Three \$0.75, Doz. \$2.50, 100 \$15.00

Mammoth pink, good for cut flowers also.

## BELLIUM - Alpine Daisy

They are a miniature form of the common Daisy. Quite hardy and exclusively used in the rock garden.

**Culture.** Succeeds best in a medium moist, though well drained soil. Plant in full sun or very light shade in the rock garden, in fall or spring, 2 to 3 inches apart.

**Bellidieides** Three \$1.20, Doz. \$3.50, 100 \$25.00

A dainty little miniature of the Bellis perennis, except that it throws out numerous runners and so forms a wide mat, covered in summer with small, white Daisies. Constantly in bloom.

## BAERIA

A native of North America of neat growth and Daisy-like flowers.

**Culture.** Any good garden soil suits them. They must be grown in full sun. Plant fall or spring 6 inches apart.

**Macrantha** Three \$1.20, Doz. \$3.50, 100 \$25.00

A very charming dwarf plant with large golden yellow flowers.

## BETONICA - Betony

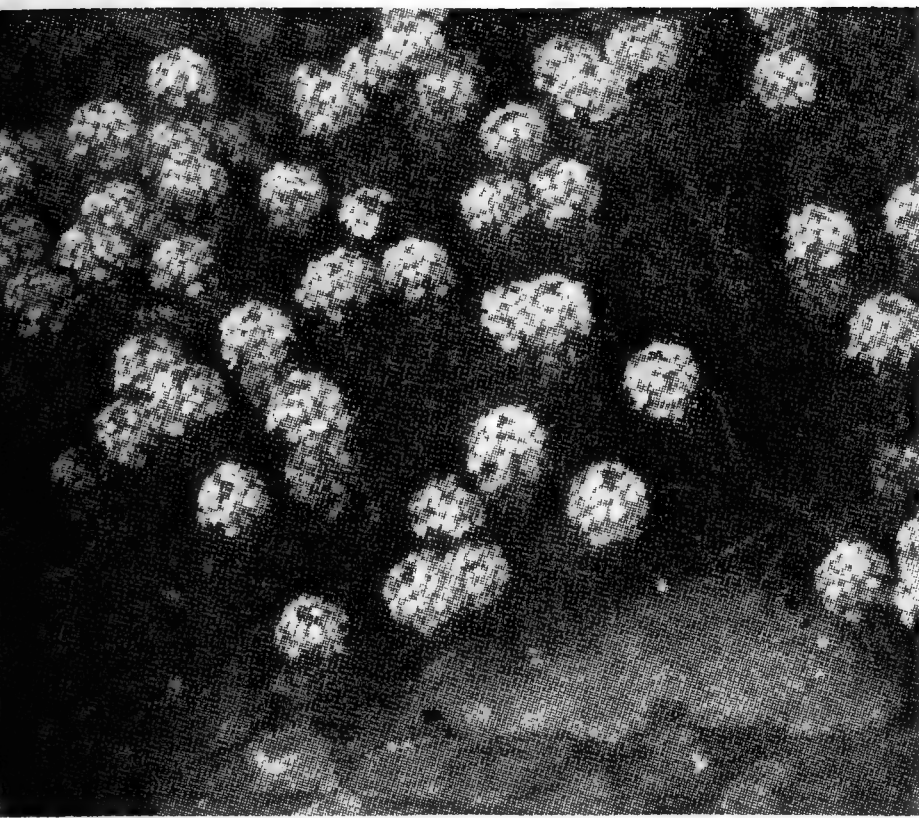
An attractive border perennial, yielding a profusion of flowers, which are most valuable for cutting.

**Culture.** Will succeed in good, ordinary soil in a sunny border. Best grown in groups of three or more. Plant in autumn or spring, 8 to 10 inches apart.

**Grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00

Close tufty foliage with bright rose-purple flowers on long stems about 2 to 3 feet tall, produced during June, July and August. A lovely plant for a hot, dry place in the border.





Aethionema Persicum

**BLEEDING HEART** (See Dicentra)

### BOCCONIA – Tree-Celandine or Plume Poppy

Hailing from China, of handsome, stately growth, have glaucous or greyish, lobed leaves, and buff or cream colored flowers borne in feathery plumes or panicles between June and September. Very effective and ornamental plants to grow on the lawn or in the background of borders.

**Culture.** A rich, loamy soil is essential for growing these plants really well. Plant in autumn or spring, 12 to 18 inches apart.

**Cordata** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A noble hardy perennial, beautiful in foliage and flower, and adapted for planting in the shrubbery borders, and in bold groups in any position, attaining 6 to 8 feet in height. Flowers creamy white in terminal panicles. Greatly used in China and Japan where its truly ornamental beauty is appreciated.

### BOLTONIA – Bolton's-starwort

They are similar in foliage and flower to the Aster, are most graceful in habit, and well suited for the mixed border or the wild garden.

**Culture.** Precisely the same as for Asters. The Boltónias bloom during July, August and September, while the Asters bloom from then on.

**Asteroides** Three \$0.85, Doz. \$2.75, 100 \$18.00  
White, 5 to 6 feet high.

**Latisquama** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pink, slightly tinted with lavender. 4 to 6 feet. Really the best of all varieties offered.

### BUDDLEIA

Popular, rapid growing shrubs producing long panicles of purple and lavender, flower spikes throughout the summer. Suitable for cutting.  
**Culture.** Should be planted in a warm, dry, well-drained sandy soil. Provide ample room, the plant grows rapidly and forms a bush about 4 to 6 feet high and 4 to 6 feet in diameter. In spring cut all growth back to within 12 inches of the ground. New growth will develop rapidly as soon as it gets warm. Protect slightly in colder parts of the country.

**Ile de France** Each 60c  
Blooms prolifically and the flowers are large; the color is a deep purple. A fine plant for the flower garden or shrubbery border or as a single specimen for the lawn.

**Fortune** Each \$2.00  
Plants grow 3 to 4 feet and are covered with long racemes of lilac-like flowers all summer. A beautiful novelty.

### BUPHTHALMUM – Ox-eye

Showy, hardy herbaceous perennials. Lance or heart-shaped, smooth or hairy leaves, and large, yellow flowers borne singly on long stems. Useful for cutting, also for the mixed border or wild garden.

**Culture.** Ordinary soil and a sunny position. Plant in autumn or spring, 8 to 10 inches apart.

**Salicifolium** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Bears large, rich, golden yellow flowers through the summer, 2 feet high. Is a very fine plant for the sunny hardy borders.

### CALAMINTHA – Calamint

Useful plants for bold effects in the rock garden or rock wall, or in masses on the margin of borders.

**Culture.** Any good, ordinary soil will suit. Plant 6 to 8 inches apart in groups of three or more in wall or rock garden, in full sun or light shade, in fall or spring.

**\*Alpina** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A very graceful little rock plant, growing 6 inches high, with rich purple flowers.

### CALLIRHOE – Poppy Mallow

Prostrate plants with brilliant flowers; for the rock garden or on the margin of dry borders.

**Culture.** Any good, sandy soil will do but it must be dry. Plants must be planted in full sun, 8 to 10 inches apart, preferably in spring. Fall planting is satisfactory if done early and plants are protected for the winter.

**\*Involucrata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Trailing plant, with finely divided foliage and large, saucer-shaped flowers of bright rosy crimson, with white centers, which are produced all summer and fall.

### CALTHA – Marsh-Marigold

A moisture-loving perennial. All have heart-shaped leaves, and single or double yellow flowers. Specially adapted for the waterside, the bog garden, or moist borders. Flowers useful for cutting; foliage good all summer.

**Culture.** All require a deep, rich soil, and a moist position such as the margins of ponds, etc., or in the dampest part of the garden. Best grown in large colonies. Plant in spring or fall.

**Palustris** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flowers bright yellow in spring; on stems 12 to 18 inches high. A very showy plant in wet places, both in sun and shade. Its foliage is always clean and attractive.

### CARLINA – Charlemagne's Thistle

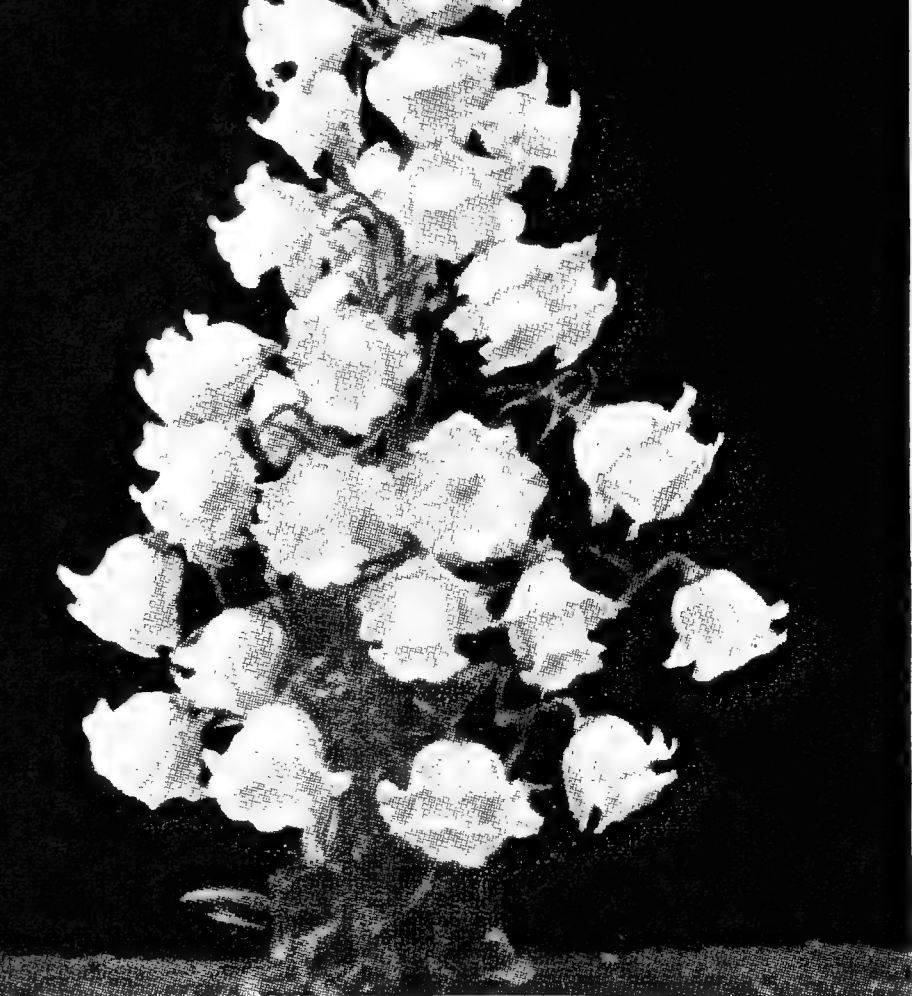
A thistle-like perennial belonging to the daisy order. They are remarkable for the beauty of their pinnate, toothed leaves, single specimens having an effective appearance in the rock garden, or on dry walls.

**Culture.** Ordinary soil and a sunny position.

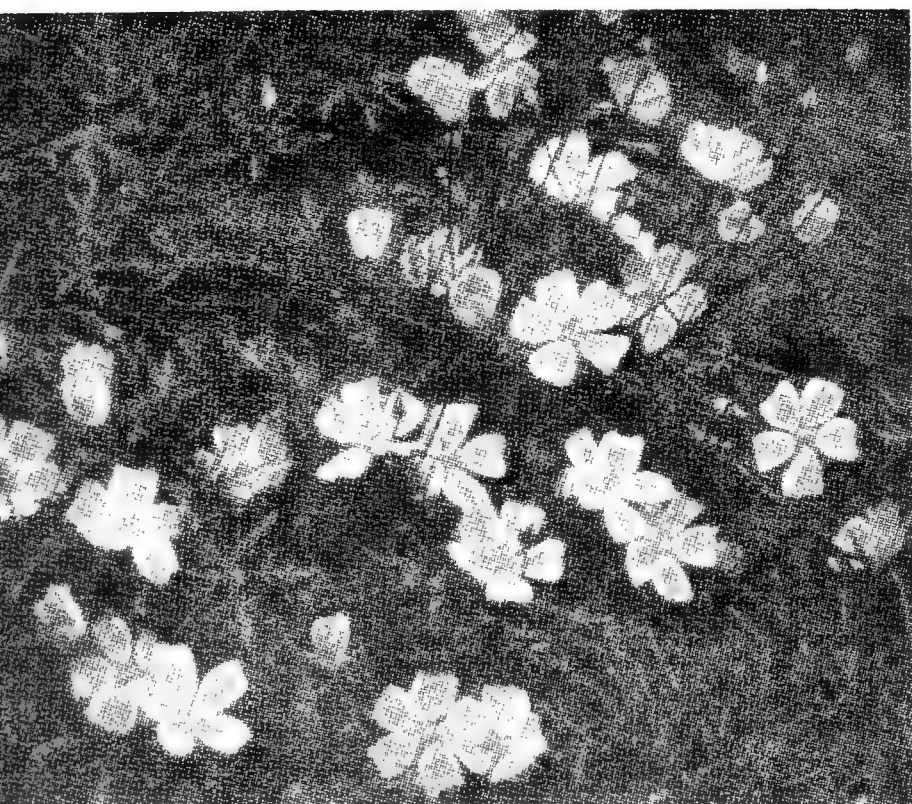
**\*Acaulis** Three \$1.20, Doz. \$3.50, 100 \$25.00  
An Alpine Thistle with an immense, stemless flower head. Leaves are intensely spiny and very silvery, making a handsome subject for the rockery. Rare and unusual plant.



Campanula Glomerata var. Dahurica

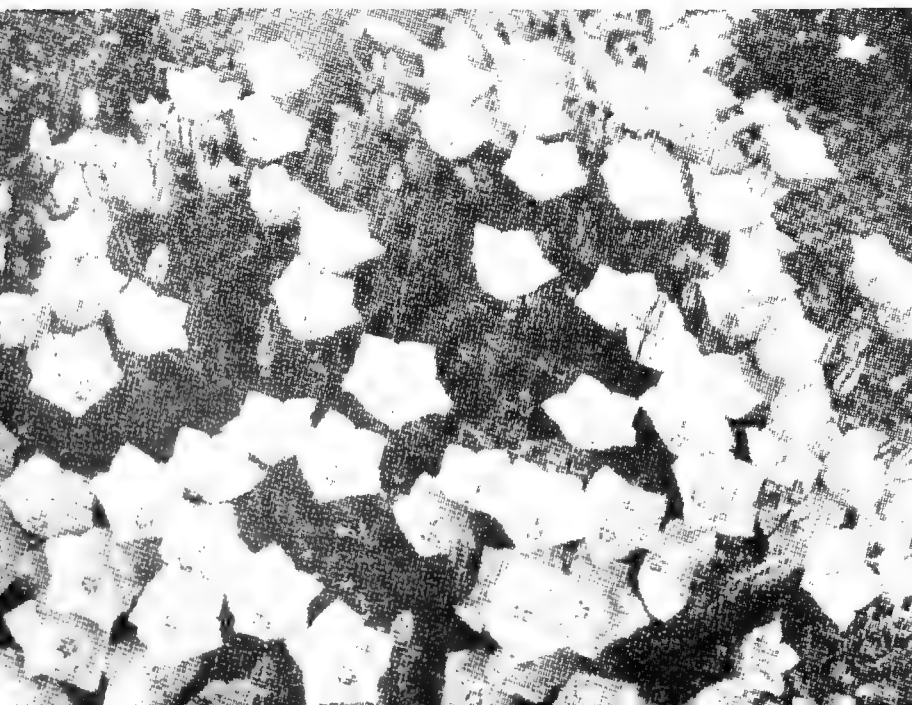


Campanula Calycanthema



Callirhoe Involucrata

Campanula Carpatica



## CALANDRINIA

Prostrate plants with brilliant flowers; for the rock garden or on the margin of dry borders.

**Culture.** Any good soil will do providing it is dry. Plants must be planted in full sun, 8 to 10 inches apart, preferably in spring. Fall planting is satisfactory if done early and plants are protected for the winter.

- \***Umbellata** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Prostrate plant, 4 to 6 inches, with brilliant crimson, saucer-shaped flowers; good for hot place in rock garden.

## CALLUNA AND ERICA - Heaths and Heathers

The Heaths are compact, low-growing evergreen plants, and as such are extremely useful for planting in front of evergreens or as edgings. The small foliage is densely arranged around the wiry little stems, and either when in full bloom or in midwinter makes a very pretty picture.

**Culture.** All Heaths and Heathers require a warm, well-drained soil. Half peat and loam freely mixed with coarse sand to which a liberal quantity of well rotted cow manure has been added suits them best.

- \***Calluna vulgaris** (Scotch Heather). Three \$1.40, Doz. \$4.00, 100 \$30.00  
A low-growing shrub, with erect branches covered with short, closely adpressed leaves. The pretty, bell-shaped flowers occur in great profusion toward tops of the shoots and are a pretty rosy color.
- \***Calluna vulgaris alba** (White Heather). Three \$1.40, Doz. \$4.00, 100 \$30.00  
Always worn in buttonholes for good luck. Is the white form of the common Scotch Heather.
- \***Calluna vulgaris Alporti** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Late. Grows 24 inches high. Flowers rosy purple.
- \***Calluna vulgaris aurea** (Golden Leaved Heather). Three \$1.40, Doz. \$4.00, 100 \$30.00  
Same habit as Vulgaris except the foliage which is of a beautiful golden tint.
- \***Calluna vulgaris nana compacta** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Prostrate and compact in growth. Not over 7 or 8 inches. Dull, rich green or fine little evergreen plant for the rock garden; has pink flowers.
- \***Calluna vulgaris Hammondi** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Midseason. Grows 18-24 inches high. Flowers white.
- \***Calluna vulgaris minor** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Midseason. Grows 15 inches high. Flowers white.
- \***Calluna vulgaris multiplex** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A double-flowered form of the type. Midseason. Grows 12-15 inches high. Purple flowers.
- \***Calluna vulgaris rubra** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Early. Low spreading growth, 6-12 inches. Flowers rosy carmine.

### ERICA - Heather

A charming hardy plant, companion to the Heathers. Known as Heather flower in early spring.

- \***Erica carnea** (Spring Heath). Three \$1.40, Doz. \$4.00, 100 \$30.00  
Early bright rose.
- \***Erica darleyensis** (Darley Heath). Three \$1.40, Doz. \$4.00, 100 \$30.00  
Deep rose. One of the loveliest plants. Most charming when in bloom. Early in March and April.
- \***Erica vagans** (Cornish Heath). Three \$1.40, Doz. \$4.00, 100 \$30.00  
Pale lilac.

## CAMPANULA MEDIUM - Canterbury Bells

Imposing, if not our best biennials. The plants are more or less pyramidal in growth, about two and one-half feet in height, and profusely covered with large, bell-shaped flowers. Extremely showy in mixed borders.

**Culture.** A rich, well drained, light soil will grow them to perfection. It is well to protect fall-transplanted plants with a little dry covering; remove covering early in March before new growth starts. Plant in early autumn or very early spring, 8 to 10 inches apart, in full sun.

### CALYCANTHEMA (Cup and Saucer).

Tall, erect growing plants completely covered with large cup and saucer-shaped flowers during late May and June. One of the loveliest of biennials and a perfect plant for the old-fashioned, hardy garden. Flowers last a week or more when cut.

- \***Calycanthema Blue** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Covered with blue flowers.
- \***Calycanthema Pink** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Same as above with lovely pink flowers.
- \***Calycanthema White** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Same as above with pure white flowers.
- MEDIUM (Single Canterbury Bells).**  
These have the same habit of growth and are just as lovely as the Calycanthema, the flowers, however, do not have the so-called "saucer," but are bell-shaped.
- \***Medium Blue** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Plants are completely covered with blue bells.
- \***Medium Pink** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Same as above with lovely pink bells.
- \***Medium White** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Same as above with pure white bells.



## WAYSIDE GARDENS

### CAMPANULA - Bellflower

One of the most popular and showy hardy perennials for border or rock garden culture. The flowers are all blue and white in color, and the height ranges from a few inches to several feet. The dwarfier sorts are splendid subjects for edging or growing in groups on the margins of borders or rockeries, and the tall kinds make an effective display when grown in clumps in the middle of the borders.

**Culture.** All the varieties offered will succeed in ordinary rich soil. The dwarfier kinds like partial shade, and some of the tall species, as *Latifolia*, *Lactiflora*, and *Trachelium*, do well in shady border. Plant in autumn or early spring, 8 to 12 inches apart. *Carpatica* requires a cool position. Species like *Persicifolia* and its varieties should be lifted and divided every second year and replanted in good, rich soil, otherwise they will not flower freely. Indeed, all *Campanulas* are the better for a biennial lifting and dividing. To insure fine spikes and large flowers on the taller sorts, feed freely with manure.

**Alliariaefolia** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A grand border plant with tall spikes of long, pendent bells, 3 feet high.

\***Barbata** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Silvery blue bearded or hairy bells on stalks about 6 to 9 inches long are produced in June and July. It is a very unusual and outstanding plant for the rockery or border.

\***Carpatica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Carpathian Harebell). A pretty species growing in compact tufts not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for hardy border or for the rockery it is unsurpassed.

\***Carpatica alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A pure white form of the preceding.

\***Cullinmore** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely hybrid form of *Carpatica* and other dwarf-growing species. Much more prolific than *Carpatica*. Its flowers of various shades of blue are produced all summer. Very nice edging plant or for the rock garden.

**Elegans** Three \$1.10, Doz. \$3.25, 100 \$22.50  
Fine *Campanula* for borders and rockeries. Height 18 inches. Blooms all summer.

\*\***Garganica** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A gem for the rock garden. Forms a low spreading tuft which in June is covered with starry light blue flowers having a white eye. Exquisite hanging over a rock.

\***Glomerata var. dahurica** Three \$1.10, Doz. \$3.25, 100 \$22.50  
A *Campanula* that should be in every garden. It is about 18 inches high. In June and July has large, close heads of deep blue flowers which are strikingly effective. An old European garden favorite.

**Grandis (Latiloba)** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Stout spikes well furnished with large saucer-shaped flowers, light blue. One of the most effective subjects for woodland and shady borders.

**Lactiflora coerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Pale blue flowers during July and August on stems 2 to 3 feet high; does well in light shade.

**Latifolia macrantha** Three \$1.10, Doz. \$3.25, 100 \$22.50  
Very handsome, enormous drooping bells of fine satiny lilac and deep purplish shades on stems 3 to 4 feet high; does well in light shade or full sun.

\*\***Muralis** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Very dwarf plant covered with blue-purplish flowers in June. Fine for wall or rock garden. The most popular wall plant or rock plant of the entire *Campanula* group.

**Persicifolia grandiflora alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of the finest *Campanulas*, with large, handsome white, bell-shaped flowers. A great acquisition. Height 2 feet.

**Persicifolia grandiflora coerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
An excellent companion to the white variety, the large bright blue flowers making an effective contrast. Height 2 feet.

**Pyramidalis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Produces spikes from 4 to 6 feet long covered with blue, star-shaped flowers during the entire summer; excellent plant with *Delphinium* in background in the hardy border.

**Pyramidalis White** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Similar to the above, producing white flowers.

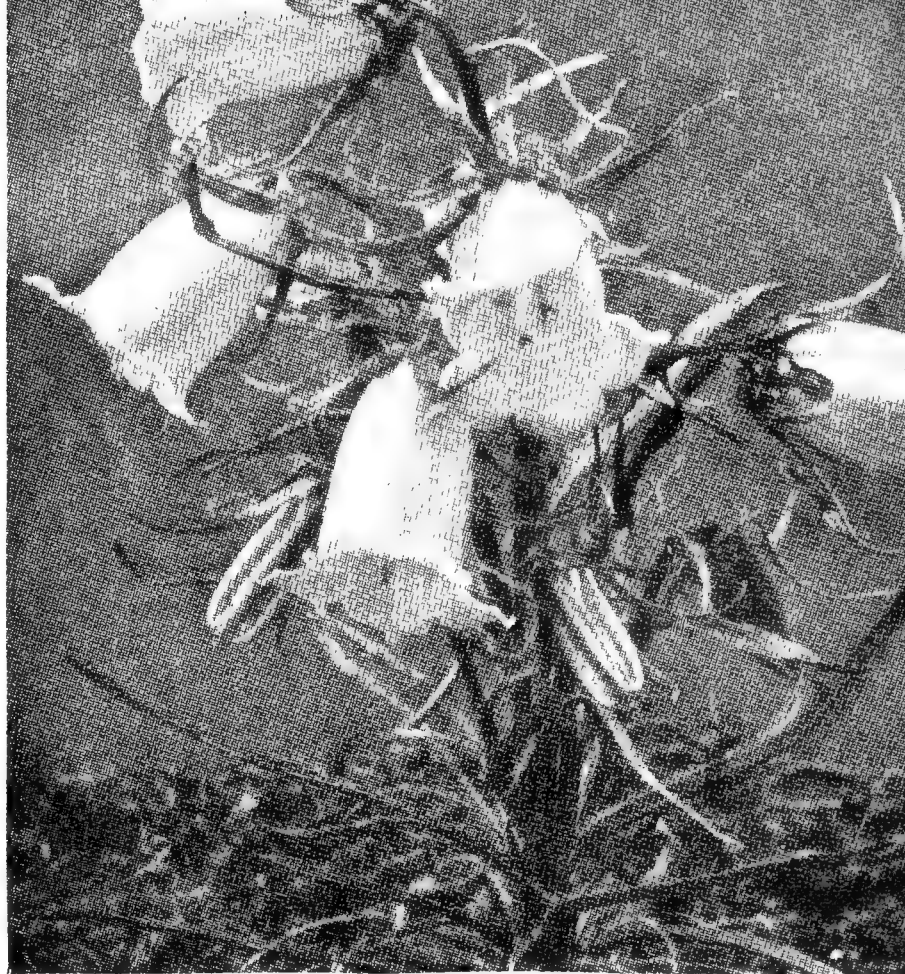
\***Raineri Hybrids** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A very rare and beautiful species of dwarf and spreading habit. Plants are covered in June and July with flowers in various shades of lavender-blue.

**Rapunculoides** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Strong, 3-foot stems with slightly nodding bright blue bells. Very common in Siberia and a fine border plant for the cold parts of this country. Grows quite freely.

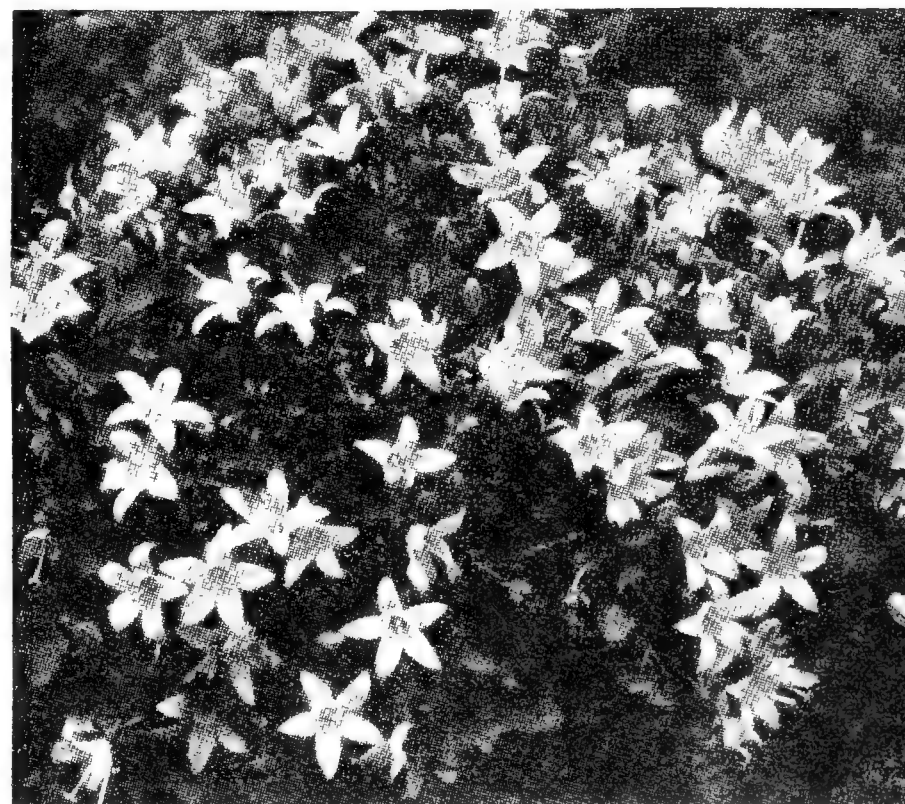
\***Rotundifolia** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Blue Bells of Scotland or Harebells). 1 foot. June to August. In the wild it is more slender and taller than in the garden; clear blue flowers. Especially suited for crevices in the rock garden or deep slopes, best planted so as to show pendent habit. Does well also in light shade.

\***Sarmatica** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A low-growing, much branched variety. Each plant with 8 to 10 stems not over 16 inches high. Covered with pale blue, bell-like flowers. Foliage a silvery gray. Splendid variety for rockery or border.

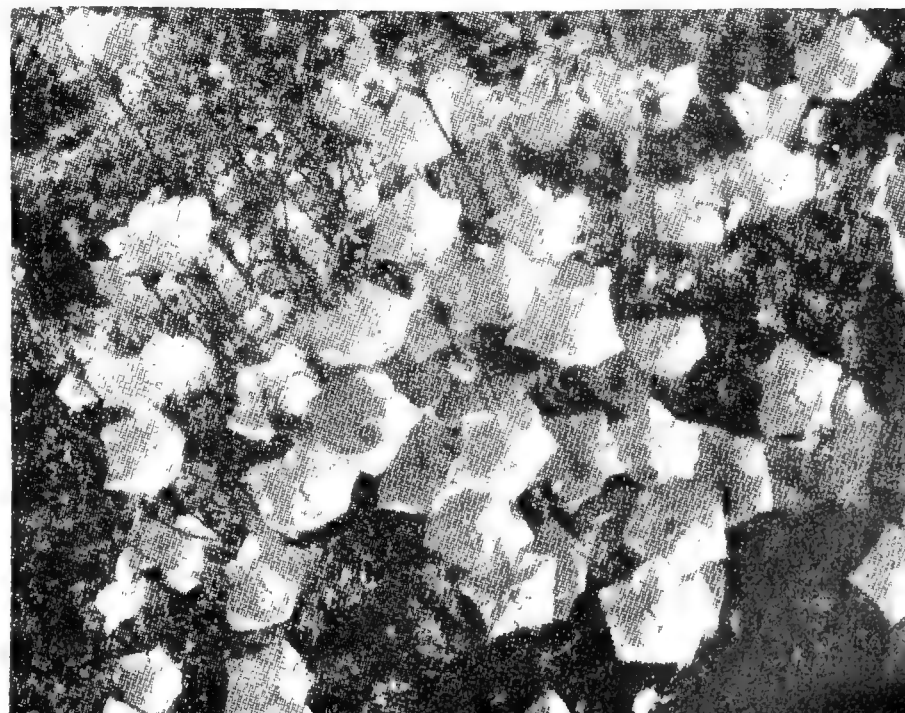
**Trachelium** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Coventry Bells). 2 to 3 feet. July and August. Sturdy, hairy plant, with light purple, somewhat drooping flowers.



Campanula Barbata

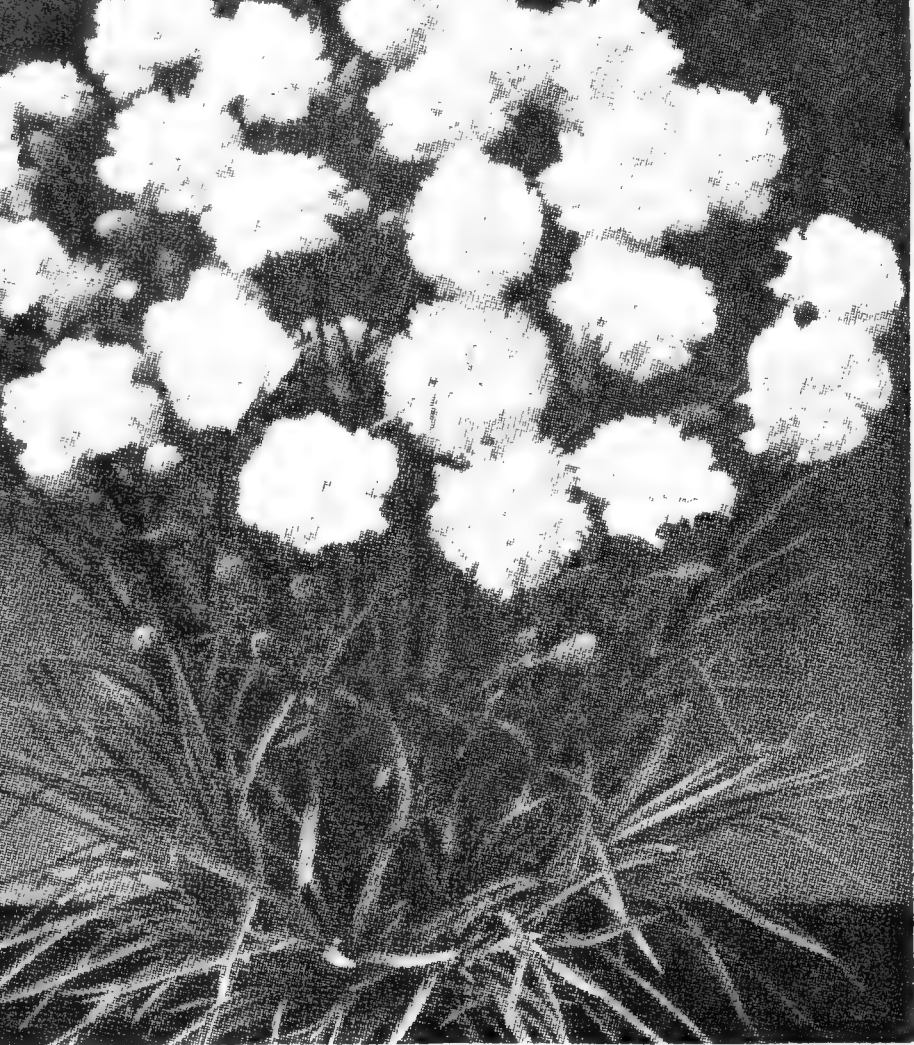


Campanula Garganica



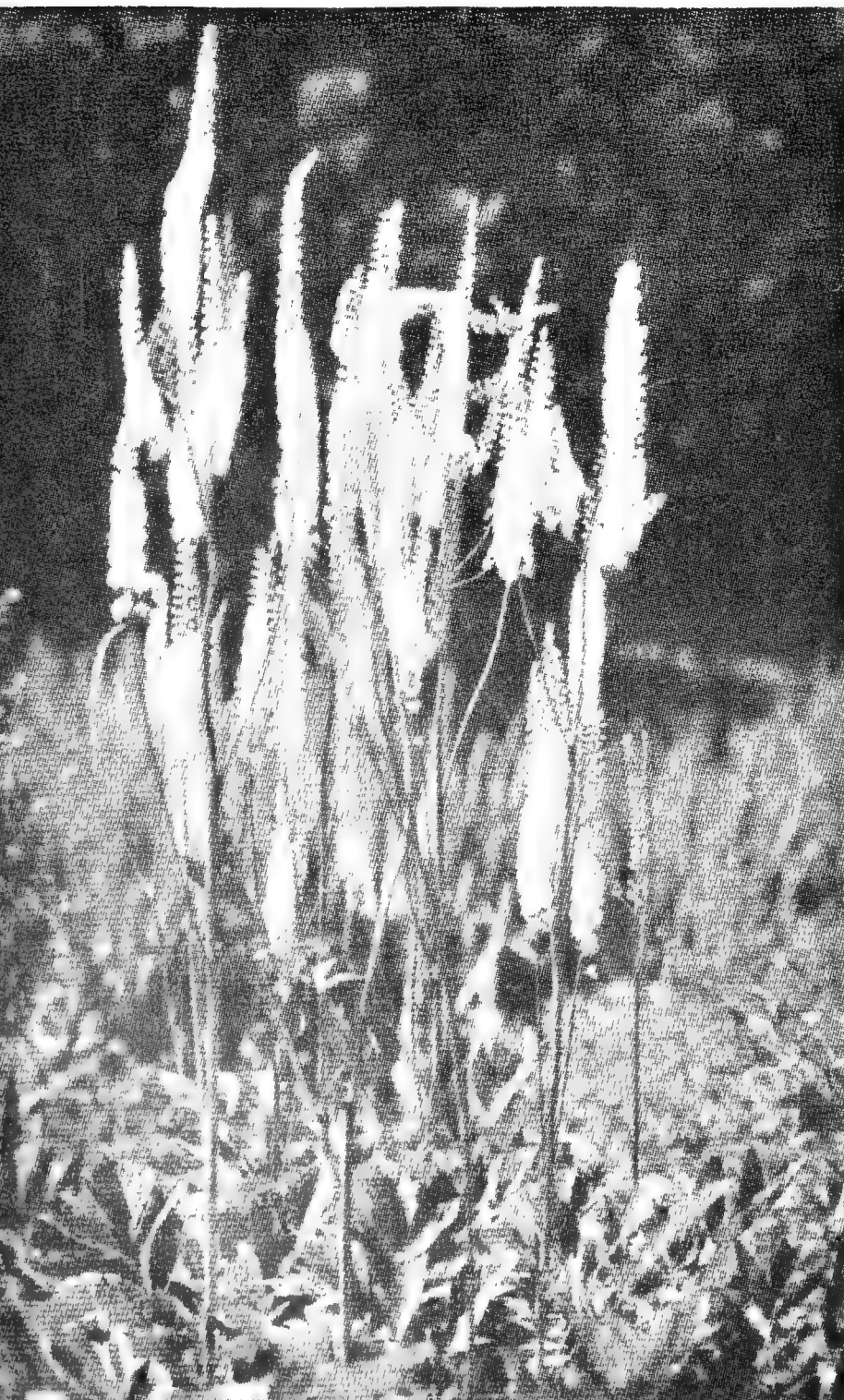
Campanula Raineri Hybrids





Carnation, Crimson King

Cimicifuga Racemosa



## CARNATIONS - Hardy Border

Carnations are one of the most useful and popular flowers. Hardy Border Carnations have acquired, as a result of cross-breeding, the habit of perpetual-flowering.

**Culture.** Carnations will grow in ordinary good light, well drained soil. Should the soil be very light, add plenty of decayed cow manure. Planting should be done in early fall or spring. They should be placed 12 inches apart; protect lightly during the winter.

**Crimson King** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Here is an outstanding hardy Carnation for the garden, flowering throughout spring, summer, and fall, not shyly but with remarkable freedom. Dazzling crimson flowers on stiff, stocky stems, long enough for cutting. It is exceptionally hardy, growing anywhere. Does not get "lanky" or untidy. A great plant for the border. Never have we seen anything like it in Hardy Carnations or Hardy Pinks.

**King of Black** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Similar to the other kinds in habit; its flowers are of the deepest maroon, almost black.

**Rose Queen** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Prolific blooming. Excellent for cutting and garden planting, this rose-pink carnation is much desired.

**Scarlet and Red Shades** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Dozens of double and single red and scarlet flowers on long stems. Lovely for cutting, are produced during June and July.

**White Shades** Three \$0.85, Doz. \$2.75, 100 \$18.00  
The same as above but with single and double white flowers.

**White Gold** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A fine pale yellow form. Just as free as the others here mentioned.

**Mixed Shades** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A riot of color and flowers in great abundance in June and July, are the result from just a few plants. Cut back all flower stems when through blooming.

## CARYOPTERIS - Mastacanthus Superbus

This handsome, free flowering plant makes a woody growth about 2 to 3 feet in height. It branches freely near the ground and makes a well rounded plant composed of elegant long branches which are covered with large whorls of attractive, clear colored flowers arranged in tiers. Blooms during September and early October. Besides its value as a plant in the perennial border it also is splendid for cutting and because blooming late in the season it always is particularly welcome.

**Culture.** Plant in spring, 2 feet apart in good garden soil in dry sheltered location. Protect in cold sections with straw during the winter.

**Mastacanthus Blue** Three \$1.20, Doz. \$3.50, 100 \$25.00  
**Mastacanthus Pink** Three \$1.20, Doz. \$3.50, 100 \$25.00  
**Mastacanthus White** Three \$1.20, Doz. \$3.50, 100 \$25.00

## CASSIA - Indian Senna

Lovely shrub-like plants for the sunny border. There are several species from which are derived tanning materials, cathartics, etc. Marilandica is the best for our gardens.

**Culture.** Marilandica does best in rich, moist soil in full sun. Grows about three to four feet high. Plant in fall or spring, 12 to 18 inches apart.

**Marilandica** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Handsome pinnate foliage and numerous racemes of showy yellow flowers during July, August and September. An extremely desirable plant of the easiest culture.

## CATANANCHE - Blue Cupidone, or Love-Plant

A native of S. Europe, have hoary, lance-shaped leaves, and crisp, chaff-like, brilliant blue flowers, resembling those of the Everlasting. Is an attractive plant when in flower. Flowers are useful for cutting.

**Culture.** This perennial requires good, ordinary soil and a dry, well drained, sunny position. Plant in spring. 8 inches apart. If planted in fall, protect lightly during winter.

**Caerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Heads of pretty deep blue flowers on long stems. Profuse and excellent cut flowers in great quantities on 18-inch stems during July, August and September.

## CENTAUREA - Knapweed

Hardy perennials of easy culture and attractive appearance. Are showy plants in sunny border, and useful for cut flowers. Flowers are more or less thistle-like.

**Culture.** All will succeed in good, ordinary soil in sunny borders. Best grown in groups of three. Plant in autumn or spring, 8 inches apart; divide and replant every third year.

**Dealbata** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Large and striking, rose-pink flowers. June-July. 2 feet high.

**Macrocephala** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Large, thistle-like, golden yellow flowers; useful for cutting and showy in borders. July and August. 3½ feet high.

**Montana** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Perennial Cornflower). Grows 2 feet high, bearing large, violet-blue flowers from July to September.

**Montana alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
White form of the above.

**Ruthenica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This handsome plant grows about five feet high and bears from July to September, lovely lemon-yellow flowers. Fine for the background of the hardy border.



## WAYSIDE GARDENS

### CEPHALARIA - Giant Scabious

A tall-growing perennial. Suitable for naturalizing in the wild garden or growing in bolder shrubby borders. They have pinnate foliage, and bear their flowers in terminal heads. Flowers are very useful for cutting.

**Culture.** Ordinary soil and sunny position. Plant in autumn or spring, 10 to 12 inches apart.

**Tatarica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flat heads of showy cream-white flowers on stems 6 feet high, during July and August. Suited for rear of borders, where tall effects are desired.

### CERASTIUM - Chickweed

Low-growing perennials, suitable for forming edgings to beds or borders, or for bold masses in the rock garden.

**Culture.** Ordinary soil and a sunny position. Plant in autumn or spring, 10 to 12 inches apart.

**\*Tomentosum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Snow-in-Summer). A low-growing plant having silvery white foliage—and producing an abundance of snow-white flowers in May. Especially—suitable for rock or border purposes.

**CERATOSTIGMA** (See Plumbago Larpentae).

### CHEIRANTHUS - Siberian Wallflower

Hardy plants similar to the Wallflower. They are highly esteemed for the delicious fragrance of their flowers, also for the fact of their flowering so profusely in spring and early summer.

**Culture.** Plant in ordinary well drained light garden soil in full sun. Soil which is heavy or wet will not do as plants are easily winter-killed if planted in low, wet ground. Plant early autumn or early spring, 6 to 8 inches apart. Fall planted plants should be lightly protected during the winter.

**\*Allioni** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A beautiful rock plant. Dazzling fiery orange flowers on stems about 1 foot high. Best used as a biennial as it frequently blooms itself to death.

### CHELONE - Turtle-head or Shell-Flower

Hardy perennials, of easy culture. The flowers, which are borne on 2- to 3-foot stems, resemble a turtle head, and are most useful for cutting.

**Culture.** They succeed well in a moist, rich soil in a sunny border. Best grown in colonies of three or more, do well along streams or on borders of ponds. Plant in autumn or spring. 10 to 12 inches apart.

**Glabra alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Terminal spikes of creamy white flowers.

**Lyonii** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Heads of showy purplish red flowers.

### CHRYSANTHEMUM MAXIMUM - Shasta Daisy

Hardy perennials of easy culture, and especially noteworthy for their freedom in flowering. There are two distinct types of this genus. One is the Shasta Daisy, which bears large, white flowers on long stems, and is, therefore, invaluable for cutting, and the other is the Leucanthemum, the Daisy of our meadows. It grows 2 feet high, and bears white flowers freely from June to August. Maximum (Shasta Daisy) is a European species, and the parent of a number of very beautiful varieties, as Etoile d'Or, Mrs. Charles Lothian Bell and others.

**Culture.** The Shasta Daisies require a deep, rich soil to grow them to perfection. In poor soils they soon assume a weedy aspect. They must have a sunny position. They should be planted 1 foot apart. It is advisable to lift and divide the root stocks every alternate year, then the plants will be more compact in growth and also yield much finer flowers than if left undisturbed. Uliginosum, being a tall grower, should be grown in wide borders or massed in the wild garden. Plant in fall or spring.

**Alaska** Three \$0.75, Doz. \$2.00, 100 \$18.00  
Handsome plant, with large, glistening white blossoms in June and July.

**Etoile d'Or** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Another of the large-flowered English types, producing the largest and best flowers of any we have. July to September.

**Glory of Wayside** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Abundant small flowers and blooms early in May; excellent for front of the hardy border.

**Mayfield Giant** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely, strong growing and free-flowering Shasta Daisy of recent introduction. If old flowers are removed when faded this variety will bloom throughout the summer.

**Mrs. C. Lothian Bell** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Very large, perfectly formed flowers. Continuous bloomer. One of the largest. June to August.



Cheiranthus Allioni

Shasta Daisy, Alaska





Corydalis Cheilanthisfolia

### CIMICIFUGA - Snakeroot

Handsome, herbaceous perennials. They have large, palmlike leaves, and small flowers borne in feathery racemes.

**Culture.** Grow in ordinary moist soil in colonies of six or more, in partially shaded borders or in open woods. Plant in autumn or spring, 8 to 12 inches apart.

**Racemosa** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Handsome shade-loving plant, bearing in July and August spikes of pure white flowers, 4 to 6 feet high; well suited for planting at the back of border, or for naturalizing at the edge of the woods.

**Simplex** Each \$0.80, Three \$2.00, Doz. \$7.50  
Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October. Its flowering stems are from 2½ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time.

### CISTUS

Ornamental, free-flowering dwarf small shrubs, about 12 to 24 inches high, with very showy single, roseline flowers in summer. A lovely plant for the rock garden or warm, sheltered, sunny border.

**Culture.** Well drained, peaty soil suits them best. Plant in sheltered places on the rockery or border in full sun. Perfectly hardy in temperate regions but should have protection in the North. Plant in spring, 10 to 12 inches apart, and do not disturb plants after once planted.

**\*Radiatus** Each \$0.45, Doz. \$3.50, 100 \$25.00  
Fine, shrublike plant for rockery, with yellow cup-like flowers with dark spots. Silvery gray foliage. Fine plants for the South and hot southern exposures. Great favorites in the European rock garden.

### CLEMATIS, Dwarf - Shrubby Clematis

Here we only deal with the herbaceous species, the stems of which die down in autumn, and that are of a bushy and non-climbing habit. Those offered are suitable for the mixed border, and make a very effective display when in flower.

**Culture.** They prefer a chalky, well drained loam. Where this is not available, mix plenty of lime with the soil. Plant in autumn or spring. In autumn cut the stems back to the soil, and give a good mulching of well-decayed manure.

**Davidiana** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A most desirable variety, with fresh, bright green foliage and tubular, bell-shaped flowers of deep lavender-blue during August and September; deliciously fragrant. 2½ feet high.

**Integrifolia coerulea** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A good border plant, growing from 18 to 24 inches high, producing its interesting porcelain blue flowers from June to August.

**Recta** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Grows from 2 to 3 feet high, and produces fragrant, pure white flowers in very large, showy clusters during June and July.

**Clematis, Climbing Varieties** (See page 54)

### COREOPSIS - Tickseed

A useful and attractive herbaceous perennial, both for border and cut flowers. They are of easy culture, and produce their golden yellow flowers in profusion throughout the summer.

**Culture.** All require a well drained, medium soil. They also need a full, sunny position. Plant in autumn or early spring, 10 to 12 inches apart.

**Grandiflora** Three \$0.75, Doz. \$2.50, 100 \$15.00  
An improved variety with large bright yellow flowers; one of the best hardy plants. Excellent for cut flowers all summer.

**Grandiflora auricula superba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Large, yellow blooms with eye enriched with reddish band. A most attractive and useful addition to our hardy cut flowers.

### CORONILLA - Crown Vetch

Low-growing or creeping perennials of easy culture. Handsome foliage and yellow or purple, pea-shaped flowers are produced in clusters from June until August.

**Culture.** Any good garden soil will grow them to perfection. Plant in fall or spring, 12 inches apart, in full sun.

**\*Cappadocica** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Iberica). A first rate and brilliant rock plant. Trailing habit. Glaucous leaves and large, rich, long golden flower heads in June and July. Three inches high. Called in England "Lady Fingers." We consider it one of our best plants for low edging. A splendid novelty.

**\*Varia** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A strong creeper; good for covering rough banks; showy heads of pink and white, pea-shaped flowers on 1 to 2 foot stems. From June to August.

### CORYDALIS - Fumitory

Attractive dwarf growing hardy perennials. They have prettily divided green or glaucous leaves. Suitable for the margins of borders and chinks of walls or in the rock garden.

**Culture.** Ordinary, well drained soil and sunny borders. May also be grown in walls or rock gardens. Plant in spring or fall, 6 to 8 inches apart.

**\*Cheilanthisfolia** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Handsome variety with fernlike foliage and long spikes of yellow blossoms, 10 to 12 inches in height. Prefers rich, well drained, stony soil.

### CYPRIPEDIUM - Lady's Slipper

Hardy orchids that thrive in a moist, peaty soil in shade or partial shade. Flowers are very interesting with their odd shapes and uncommon colors and markings.

**Culture.** It is required for best results that they be planted in shade in peaty soil, such as one finds in woods or swamps. Should be carefully watered during dry weather. Do well along streams or small ponds in the rock garden. Plant in fall or early spring 6 to 8 inches apart. Do not disturb, once planted.

**\*Acaule** Three \$1.35, Doz. \$3.75, 100 \$27.50  
(Lady's Slipper; Moccasin Flower). This is often called the Red Lady's Slipper, but the flower is rose-purple in color.

**\*Pubescens** Three \$1.35, Doz. \$3.75, 100 \$27.50  
(Large Yellow Lady's Slipper). Very much like Parviflorum, only the flowers are larger.

**\*Spectabile** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Showy Lady's Slipper). The finest and most showy of all our orchids. It grows about two feet high, bearing along the stalks several rather large, roundish leaves, and on top, one or two quite large, rose-purple or nearly white flowers.

### DAPHNE - Garland Flower

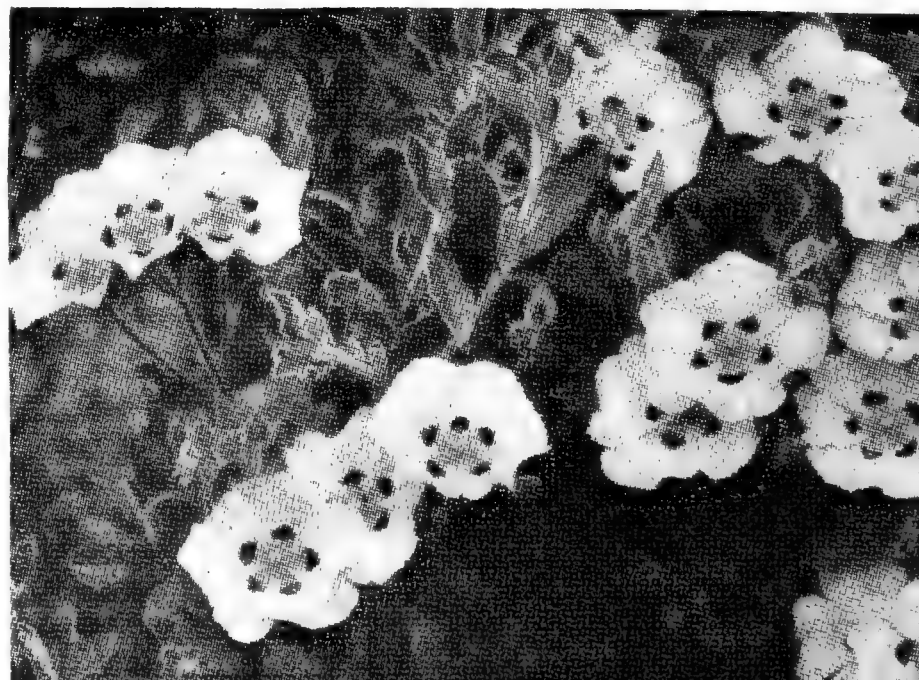
These shrubs are of spreading habit and do not grow over 8 to 12 inches high; producing delicately perfumed rose-pink blossoms. The flowers completely cover the plant not only in spring but again in early autumn. As an edging plant in front of evergreens or shrubs, it is unequalled. It also forms a splendid low hedge along garden walks and around flower beds.

**Culture.** It prefers a sunny position in well drained sandy soil. In order to keep the evergreen foliage perfect, protect it with a little straw during the coldest part of the winter. The plants will withstand temperatures as low as 10 below zero. Water sparingly in summer. Daphnes will not grow well in cold, poorly drained soil.

**\*Daphne Cneorum**

	Each	Three	Doz.	100
Young, well developed flowering plants, 6-7 inches	\$0.55	\$1.40	\$4.00	\$30.00
Bushy plants, 7-9 inches	.75	2.00	8.00	60.00
Bushy plants, 9-12 inches	1.25	3.25	12.00	85.00
Bushy plants, 12-15 inches	1.75	4.50	15.00	110.00

Cistus Radiatus





# DAPHNE - Garland Flower

These shrubs are of spreading habit and do not grow over 8 to 12 inches high; producing delicately perfumed rose-pink blossoms. The flowers completely cover the plant not only in spring but again in early autumn. As an edging plant in front of evergreens or shrubs, it is unequalled. It also forms a splendid low hedge along garden walks and around flower beds.

**Culture:** It prefers a sunny position in well-drained sandy soil. In order to keep the evergreen foliage perfect, protect it with a little straw during the coldest part of the winter. The plants will withstand temperatures as low as 10 below zero. Water sparingly in summer. Daphnes will not grow well in cold, poorly drained soil.

*Daphne Cneorum.	Each	Three	Doz.	100
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## DELPHINIUM - Larkspur

Stately and handsome summer-flowering, herbaceous perennials of unsurpassable beauty. Few plants lend a greater attraction to the border in early summer. Fortunately they can be grown in every garden, but in warm, dry parts of the country they do not live long. Best results are obtained in our cooler regions, especially along the Pacific and Atlantic coasts.

**Culture.** Delphiniums require a rich, generous and well drained soil. On soils of a light or medium nature dig in plenty of well-decayed manure. In those of a heavy nature it is desirable to fork up the sub-soil and compost of two parts loam and one of equal proportions of decayed manure and sand. The plants are best grown in groups of three or six. Allow a distance of at least 18 inches to two feet between the plants. Planting may be done in autumn or early spring. Remove faded flowers, and on no account allow seeds to develop, then a second crop of flowers may be expected later on.

## ENGLISH DELPHINIUMS

**Wayside Gardens Hybrids** Three \$1.60, Doz. \$4.50, 100 \$35.00  
Here offered are the newest, the best and the finest to be secured anywhere. The range of colors varies from the palest shade of blue to the deepest indigo-blue and royal purple with many intermediary pastel tones of mauve, pink and lavender blendings. Among these new hybrids are flowers of huge size in both single and double forms. This strain has been raised from seed saved from the finest named kinds in creation. Visitors at our nursery proclaim them the best they have ever seen. Those who wish to perfect their already much prized borders cannot afford to overlook these wonderful hybrids.

**Sutton's Hybrid** Three \$1.40, Doz. \$4.00, 100 \$30.00  
This is one of the newest and at present the most popular strains of the garden Delphinium. It is distinct because of its broad, conical spike and enormous individual flowers, 1½-2 inches in diameter, in all shades of blue blended with mauve and violet. Also contains some fine clear white types.

**Blackmore and Langdon Hybrid** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This English strain is one of the finest developments in the Delphinium family. The flowers are enormous, produced on solid, erect spikes of great height and rigidity. The colors lie in delicate shades of blue, mauve, and pink. Combines landscape value with a grace and elegance for cutting unsurpassed in this family of plants.

**Gold Medal Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00  
They are made up from many strains and are a fine mixture for an inexpensive planting.

**Fanny Stormonth** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely pale blue variety growing about four to five feet high, producing its flower spikes in goodly numbers. One of the best kinds of its color.

## WHITE HYBRID DELPHINIUMS

Three \$1.40, Doz. \$4.00, 100 \$30.00  
Here at last we have a mixture of white Delphinium. The flowers are semi-double, double and single white on 6 foot stems. Graceful enough for cutting, still tall and sufficiently substantial to make noble garden plants. They are of easy culture and look splendidly combined with the blue Hybrids. For a succession of blooms do not permit seed to form.

## DELPHINIUM CHINENSE - Chinese Delphinium

The Chinese Delphiniums differ materially from the Belladonna or English Hybrids. They rarely grow over three feet in height and bloom about three or four weeks later. The foliage of this variety is almost fern-like, the plants are more graceful and the flowers, which grow in panicles, are of an intense gentian-blue. A lovely thing for the border. Require same treatment as English Delphiniums. They should be planted about 10 to 12 inches apart. Their roots are much smaller than those of the English Hybrids.

**Chinense** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A very pretty variety, with fine, feathery foliage and intense gentian-blue flowers in open panicles.

**Chinense album** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A pure white form of the above.

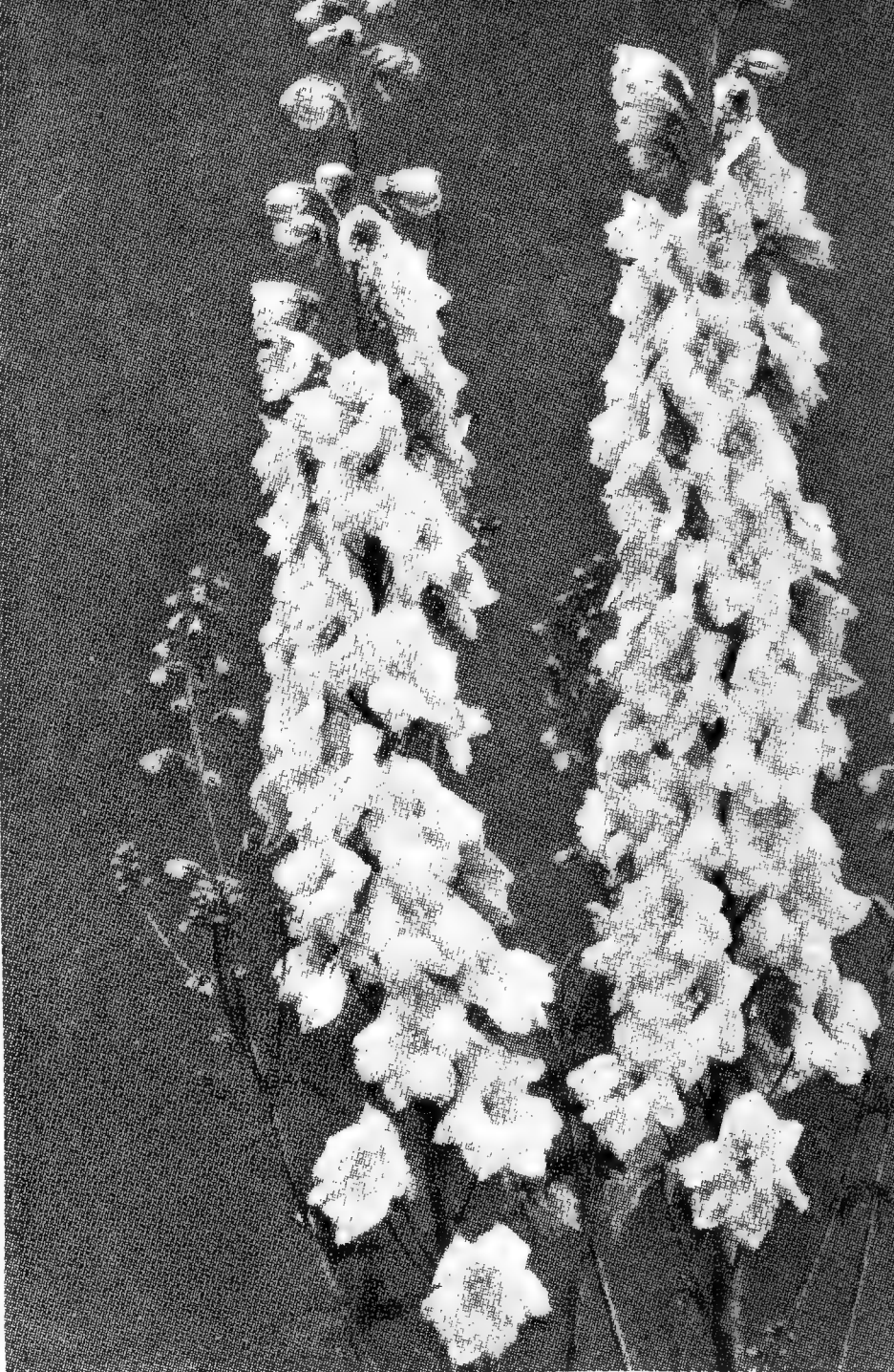
## DELPHINIUM BELLADONNA

The Belladonna Delphinium does not grow quite as tall as the popular English Hybrids, but they produce more spikes and are more graceful, therefore, more useful for cutting. In fact, they are our loveliest early blue flowers for that purpose. They require the same care and treatment as suggested for the English Hybrids, but may be planted a little closer together, 12 inches apart is sufficient space for them. Their lovely blue spikes are about 3 to 4 feet high and produced in June and again in September.

<b>Belladonna.</b> Light sky-blue.	Three	Doz.	100
1-year-old plants .....	\$0.75	\$2.00	\$15.00
2-year-old plants .....	1.00	3.00	20.00

<b>Bellamosa.</b> A dark blue form of Belladonna. Like the latter and of strong growth.			
1-year-old plants .....	.75	2.00	15.00
2-year-old plants .....	1.00	3.00	20.00

**Cliveden Beauty** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This is a fine English improvement over the common Belladonna. Growing much taller, many more flowers to each spike and of a brighter color. Altogether a fine improvement.

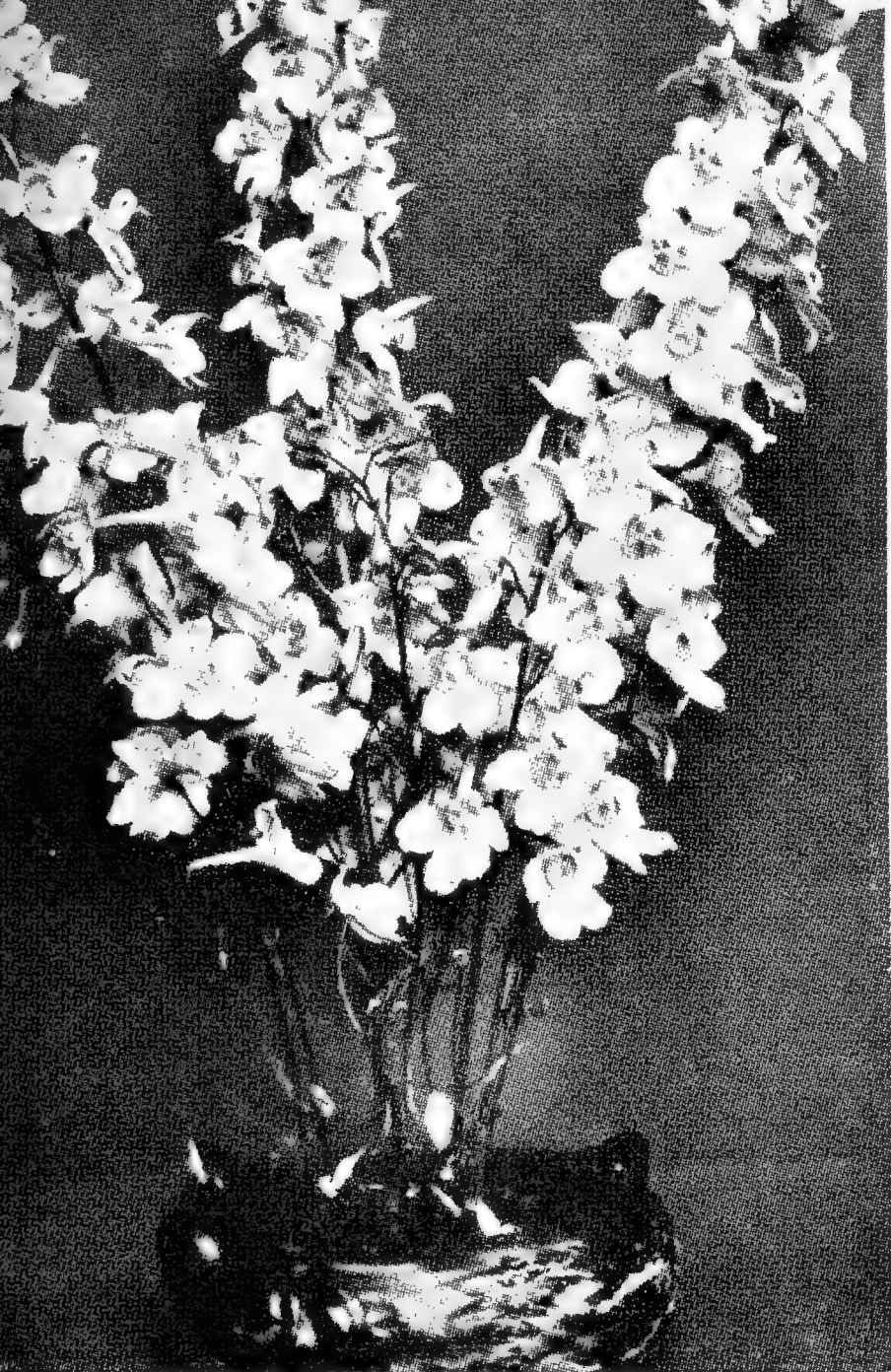


Delphinium, Wayside Gardens Hybrids



Dianthus Heddegi





Delphinium Belladonna



Dianthus Plumar.

## DESMODIUM

Shrub-like plants producing long willow-like canes which give the plants a lovely effect. Its thousands of purple blossoms are a magnificent sight late in the fall.

**Culture.** Any good garden soil will do. Plant in full sun in the hardy border together with purple and bronze Chrysanthemums or at the base of shrubs. Remove all growth in spring, cutting the plant back to the ground.

### Penduliflorum

Each \$0.50, Three \$1.40, Doz. \$4.00

A lovely shrub-like plant for the hardy border or shrub border. Arched slender branches are covered with hundreds of drooping racemes of liquid purple flowers which make a gorgeous display late in the autumn

## DIANTHUS - Garden Pinks

A great selection of plants for the sunny border or sunny, exposed places in the rock garden or rock wall. In fact, no rock garden is complete without a liberal planting of the various Dianthus. In England where rock gardening is a well understood art, Dianthus are used by the thousands. They are perfectly hardy anywhere.

**Culture.** Plant in ordinary good soil, which must contain some lime and should be well drained. Planting may be done in fall or early spring, 6 to 10 inches apart, in sunny, dry places in the rock garden, rock wall or on the margin of the border. All love lime and gritty soils.

## DIANTHUS - Pinks

### Latifolius, Beatrice

Three \$1.00, Doz. \$3.00, 100 \$20.00

This everblooming cluster Pink is a very valuable plant for the garden, constantly in bloom from June until September. Its color is a lovely pure pink.

### Latifolius, Furth Bismarck

Three \$0.85, Doz. \$2.75, 100 \$18.00

Similar to the Beatrice in habit and freedom of bloom, its flowers are, however, several shades darker, more like the color of the Paul Neyron rose.

### Plumarius, Gladys Cranfield

Three \$1.20, Doz. \$3.50, 100 \$25.00

Single, flowers bright rose, with velvet crimson eye, very fragrant.

### Plumarius, Essex Witch

Three \$1.00, Doz. \$3.00, 100 \$20.00

Double. Delicate pink; finely fringed.

### Plumarius, Her Majesty

Three \$1.00, Doz. \$3.00, 100 \$20.00

Double. Very large; purest white.

### Plumarius, Highland Hybrids Mixed

Three \$1.00, Doz. \$3.00, 100 \$20.00

A beautiful and very varied mixture, including unnamed hybrids of all possible shades. Especially noted for their fragrance and long bloom.

### Plumarius, White Reserve

Three \$1.00, Doz. \$3.00, 100 \$20.00

Double. Continuous flowering; pure white.

\***Plumarius, semperflorens flore pleno** Three \$0.75, Doz. \$2.50, 100 \$15.00  
Double and single blooms. Blooms throughout the summer.

### Plumarius, Margaret Martin

Three \$1.20, Doz. \$3.50, 100 \$25.00

Full double mahogany-crimson flowers in great profusion.

## DIANTHUS BARBATUS - Sweet William

This charming old favorite has been in cultivation for some three centuries. Strictly speaking, it is a biennial, but on well drained soils it is perennial in character. There are single and double forms of it, but the former are the hardier and more easily grown of the two.

**Culture.** Sweet Williams will succeed in good, ordinary rich soil in masses in the mixed, sunny border. Plant in autumn or early spring, 8 to 12 inches apart.

### Atrococcineus flore pleno

Three \$0.75, Doz. \$2.50, 100 \$15.00

(Double Sweet William). Intense deep scarlet double flowers; very brilliant in the garden and a fine cut flower.

### Sutton's Fairy

Three \$0.75, Doz. \$2.50, 100 \$15.00

Charming variety of recent introduction, with delicately tinted salmon-pink flowers.

### Sutton's Giant White

Three \$0.75, Doz. \$2.50, 100 \$15.00

Enormous trusses which might well be mistaken for perennial Phlox.

### Sutton's Pink Beauty

Three \$0.75, Doz. \$2.50, 100 \$15.00

We have succeeded in fixing the shade of this beautiful salmon-pink variety, which should be grown in every garden.

### Sutton's Rich Crimson

Three \$0.75, Doz. \$2.50, 100 \$15.00

The richest Sweet William known; although very dark, it is a bright color.

### Sutton's Scarlet

Three \$0.75, Doz. \$2.50, 100 \$15.00

A remarkable color. The flowers are of an intense scarlet.

### Sutton's Mixed Shades

Three \$0.75, Doz. \$2.50, 100 \$15.00

Include all the various tints, which give a most pleasing and harmonious effect.

## DIANTHUS HEDDEWIGI - Japanese Pinks

Flowers are very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value during the entire summer, and they also furnish elegant flowers for bouquets.

### Mixed Varieties

Three \$0.85, Doz. \$2.75, 100 \$18.00

Their wide range of colors and markings are a constant revelation. In bloom from early spring until late fall, they easily are one of the most satisfactory Pinks for garden decoration or cutting.



## DIANTHUS SPECIES

- \***Alpinus Allwoodi** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This is one of the loveliest of all rockery Pinks, with glossy leaves and large flowers of various shades of rose and pink on 4-inch stems, produced during July and August.
- \***Arenarius** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Sand-Loving Pink). This Pink delights in a sandy soil and sun. Flowers white with carmine ring, on 5-inch stems, deeply fringed and fragrant. Excellent for dry, hot places.
- \***Caesius grandiflorus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Cheddar Pink). It is very compact in growth and makes a cushion of glaucous leaves from which in May, spring the sweet smelling, rose colored flowers. It varies as much as from four inches to ten inches in height.
- \***Cruentus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Dense heads of flowers on long stems. Deep red. Fine border plant.
- \***Deltoides** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Maiden Pink). A beautiful little prostrate plant with narrow leaves, and bearing a profusion of small, crimson flowers during June and July.
- \***Deltoides albus** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A charming white form of the above variety.
- \***Deltoides "Brilliant"** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Glowing crimson-red; a most striking rock plant.
- \***Knappi** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A dainty species producing slender stems which bear clusters of small, yellow blossoms. This is a unique Dianthus as it is the only species which produces yellow flowers.
- \***Liboschitzianus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely species, pure white flowers in great profusion during July. Very lovely plant for rockery or border. About 20 inches high.
- \***Speciosus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A free-flowering, lavender-pink variety; flowers are finely cut, giving a lacy effect; wonderfully sweet scented, growing anywhere.

## DIGITALIS - Foxglove

The stately Foxglove is a biennial, and so, in fact, are the many beautiful strains of it with large, spotted flowers. There are, however, three perennial species of considerable beauty which are suitable for the mixed border. All are attractive plants for the shady border or the woodland garden.

**Culture.** Plants of the perennial species may be planted in autumn or spring, 6 to 8 inches apart, in well drained, good garden soil. The biennial strains are best transplanted early in spring; if fall planting must be done, protect carefully for the winter. All the kinds described will succeed in ordinary soil in sun or in shade. They make a charming effect when grown in masses, and readily reproduce themselves from seed.

- Ambigua or Grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00  
2- to 3-foot spikes in June and July. A hardy plant, with yellowish flowers, marked with brown. Effective in groups in wild garden. This is a good perennial species.
- Giant Shirley Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00  
The flower heads are over 3 feet long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted crimson or chocolate.
- Gloxiniaeflora** Three \$0.85, Doz. \$2.75, 100 \$18.00  
3 to 4 feet. June and July. A popular variety, deep purple. Robust habit.
- Gloxiniaeflora alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
2 feet. June and July. The white-flowered Foxglove.
- Gloxiniaeflora rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
3 to 4 feet. June and July; tall spikes of rose-pink flowers.
- Isabellina** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A lovely cream-yellow sort of medium height producing 3 to 4 flower spikes to one plant. It is beyond doubt the nicest of all the Foxgloves.
- Laevigata** Three \$1.10, Doz. \$3.25, 100 \$22.50  
A dignified and handsome perennial Foxglove. Bronzy yellow flowers with whitish lip.
- Lutzi Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00  
The spikes are strong and heavily laden with salmon-rose bells. A fine new Foxglove.

## DICTAMNUS - Gas Plant or Fraxinella

An old-fashioned, herbaceous perennial. Once firmly established, a plant will continue to thrive in the same spot for several generations. They have ashlike leaves which emit a delightfully fragrant odor, and the quaintly formed flowers are borne in upright racemes. The inflorescence is covered with glands secreting a resinous, volatile matter, which may be ignited in the evening of hot days without any damage to the plants.

**Culture.** They require a deep, rich, loamy soil and a sunny, well drained border. Not suitable for heavy, damp soils. Best grown singly, so as to display the handsome contour and beauty of the foliage. Once planted, avoid disturbing the roots. Plant in spring or fall, 10 to 12 inches apart.

- Fraxinella caucasicus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A very showy border perennial, forming a bush about 2½ feet, having fragrant foliage and spikes of rosy pink flowers with deeper veins during June and July. It is not advisable to transplant often, as it improves with age, it being one of the most permanent features of the herbaceous border.

- Alba** Three \$1.20, Doz. \$3.50, 100 \$25.00  
The white-flowered variety of above.



Doronicum Caucasicum

## DORONICUM - Leopardbane

Very showy yellow-flowered perennial. Their yellow, daisy-like flowers are invaluable for cutting. As they flower chiefly in spring, they are indispensable in the border at that period of the year. They have bright green, heart-shaped leaves which disappear during July and August when the plant is dormant.

**Culture.** Thrive well in heavy soils and succeed in sunny or partially shaded borders. Best grown in groups of six or more. Plant in autumn or early spring, 6 to 8 inches apart. Lift, divide and replant every third year; remove the flower heads directly after they fade, then a second crop of flowers will follow. Water freely in dry weather. Lovely with pale lavender Tulips.

- Caucasicum** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Large, bright yellow flowers, one of the most effective early spring-flowering perennials. Effective in a hardy border. It is a splendid flower for cutting, as it carries well and stands a long time in water

**p. s.**

In the spring Doronicum are always sent in pots so as to avoid damage to tender early growth.

## DICENTRA - Bleeding Heart

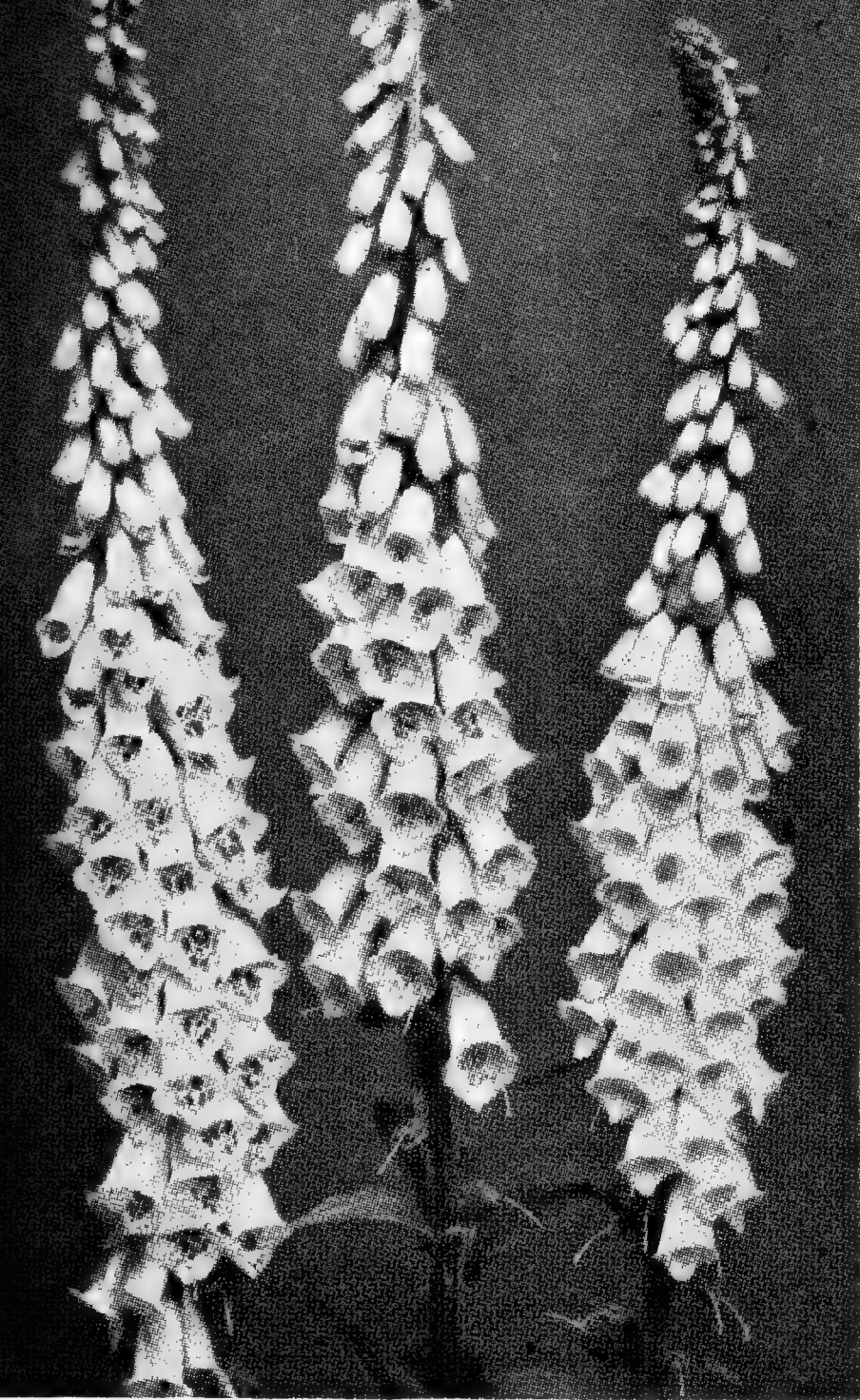
Old-fashioned perennials; also known under the name of Dielytra. The species named below have fleshy, brittle stems and finely cut, fernlike foliage.

**Culture.** Spectabilis should be grown in a partially shady border. Eximia will do well in a similar position, or in the woodland garden, or in a shady nook of the rockery. Plant in fall or very early spring, 8 to 12 inches apart.

- \***Eximia** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Plumy Bleeding Heart). A dwarf-growing sort, with beautiful, finely cut foliage and showy racemes of pretty pink flowers throughout the season. Too much cannot be said for this fine border plant as it is equally at home in full shade or sun and perfectly hardy anywhere.

- Spectabilis** Three \$1.60, Doz. \$4.50, 100 \$35.00  
(Bleeding Heart or Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used also for forcing in the house, and is perfectly at home in any part of the hardy border, and especially valuable for planting in clumps.





Digitalis, Giant Shirley Hybrids

## DODECATHEON - American Cowslip

A very pretty, dwarf plant with oblong leaves, and nodding Cyclamen-like flowers borne in umbels. Charming for naturalizing in colonies in woodland gardens, in cool, moist, shady borders, or in the rock garden.

**Culture.** They require a light, loamy soil containing leaf-mold and a little peat, a moist, cool, shady position, such as the margins of woodland borders, or shady spot in the rock garden. Best grown in colonies. Plant in early spring or fall, 4 to 5 inches apart.

- \***Meadia** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Shooting Star). A pretty perennial, with rose colored or sometimes white flowers in May or June, on 8- to 10-inch stems. This is sometimes called "American Cyclamen." It thrives in rich, moist woods, in the open border or rock garden.

## DRABA - Whitlow Grass

One of the important spring-flowering plants for the rockery. Very dwarf and compact with numerous small flowers in early spring.

**Culture.** A sandy, rocky, open soil and a sunny, well-drained position suits them best. Do not cover plants during winter with any material that might rob the evergreen foliage.

- \*\***Fladnizensis.** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Androsacea). A very hardy species from the Arctic regions. Produces a profusion of yellow flowers from March to May. Fine for rock garden.

## DRACOCEPHALUM - Dragonhead

Salvia-like perennials. They have palmate leaves, and bear their flowers in whorls on terminal spikes. Interesting plants for the border or rock garden.

**Culture.** Grow in ordinary, good soil and in a cool, partially shaded position. Best grown in masses of three or more. Plant in fall or early spring, 6 to 8 inches apart.

- \***Ruyschianum japonicum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Flowers blue; central lobe of corolla with a blue border and white spots, might be called a blue Physostegia. 2 feet. July and August. Good for cutting.

## ECHINOPS - Globe Thistle

Handsome perennials with pinnate or spiny foliage, woolly beneath, and globular, thistle-like flowers. A well grown plant has a pleasing effect in the border.

**Culture.** Ordinary soil in sun or light shade in border or wild garden. Plant in autumn or spring 10 to 12 inches apart.

- Bannaticus** Three \$1.00, Doz. \$3.00, 100 \$20.00

One of the tallest globe thistles. Its fine steel blue heads reared 5 feet high are always very effective in the hardy border.

- Ritro** Three \$1.00, Doz. \$3.00, 100 \$20.00

Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers during July and August, which can be dried and remain attractive for a long time. 2 to 3 feet high.

**EDELWEISS** (See *Leontopodium*).

## EDRAIANTHUS - Wahlenbergia

Plants allied to the *Campanula*, and belonging to the same order. They are mostly suitable for rockery culture.

**Culture.** They will succeed in good, ordinary, well drained soil, and may be grown as an edging or in masses on the margin of a sunny border, or rock garden. Plant in spring or early fall, 6 to 8 inches apart.

- \***Dalmaticus** Three \$1.20, Doz. \$3.50, 100 \$25.00

Low border or rock plant about 3 to 4 inches high, producing blue flowers not unlike the *Platycodon*; this plant is very rare.

## EPIGAEA - Trailing Arbutus

A somewhat shrubby plant of creeping habit, capital for the shady rock garden or open woods.

**Culture.** Requires a well drained, porous soil and a shady but not too dry position. Shade the evergreen foliage slightly during the winter to prevent burning. Plant in fall or spring, 8 to 10 inches apart. Do not disturb when once planted. They are very difficult to establish in new locations.

- Repens** Three \$1.40, Doz. \$4.00, 100 \$30.00

(Mayflower). Likes acid soil, therefore plant in some place where lime will not hurt it. Very difficult to transplant. Sent only at your risk.

## ERODIUM - Heron's Bill

This genus belongs to the *Geraniums* and flowers throughout the summer. The blooms are quaint and very attractive.

**Culture.** They require a sandy loam and well drained position. Plant in spring only.

- Chamaedryoides roseum** Each \$0.50, Doz. \$5.00

A tiny alpine which flowers throughout the season. Forms neat little tufts of pretty, glossy leaves covered with delicate pink veined flowers carried on 2 inch stems. It likes sun.

## ERIGERON - Fleabane

A very effective genus of Michaelmas Daisy-like plants usually with pink and purple flowers; are indispensable for groups and flower borders and are excellent for cutting. All are about 2 feet high except *Alpinus*.

**Culture.** Ordinary, fairly moist soil and a sunny position will suit all. The dwarf kinds should be grown in the rock garden. Plant in autumn or early spring, 10 to 12 inches apart. Lift, divide and replant every third year.

- \***Alpinus** Three \$1.20, Doz. \$3.50, 100 \$25.00

A dwarf species suitable only for rock gardens. Plant bears an attractive head of purplish flowers throughout the summer.

- Macranthus** Three \$1.20, Doz. \$3.50, 100 \$25.00

A fine hardy perennial with violet flowers, effectively used in mass plantings in borders together with Hardy Asters, *Bocconia* or other tall plants for backgrounds.

- Speciosus** Three \$1.00, Doz. \$3.00, 100 \$20.00

Large, handsome blue flowers, violet tinted and yellow centers during June and July; fine for cutting.

## EPIMEDIUM - Barrenwort

Dwarf perennials with handsomely marked and leathery leaves which assume a bronzy tint in autumn. Dainty little plants for colonizing on the margins of partially shaded borders and rock gardens. Foliage is classic in design and most useful for cutting.

**Culture.** Grow in peat and loam in partial shade. Plant in colonies of three or more in fall or spring, 6 inches apart. Do not remove old leaves, as they help to protect the plants in winter.

- \***Macranthum** Three \$1.70, Doz. \$5.00, 100 \$40.00

A dwarf-growing plant suitable for a shady position in the rock garden, edge of border or for mass planting under trees where grass will not grow. The leathery, bronzy green foliage and panicles of small, cream-white flowers in May make it one of the most attractive small plants in cultivation.

## ERINUS

Small tufted hardy plants about three to four inches high, suitable for the rock wall or on steep sides of the rock garden in crevices where it will freely produce its rosy purple or white flowers.

**Culture.** Requires well drained ordinary soil, when protected from excessive moisture it is perfectly hardy. Plant in fall or early spring, 3 inches apart.

- \*\***Alpinus roseus** Three \$1.00, Doz. \$3.00, 100 \$20.00

Pretty rosettes of foliage and racemes of rosy purple flowers. A first rate rock plant and also invaluable for establishing on old walls or between steps. 4 inches. May and June.

- \*\***Alpinus albus** Three \$1.20, Doz. \$3.50, 100 \$25.00

White form of the above.

**EUPATORIUM - Hemp Agrimony; Hardy Ageratum**

Hardy Perennials of somewhat robust habit, and suitable for large, mixed borders or the wild garden. The flowers are produced in terminal corymbs.

**Culture.** Ordinary soil and a half-shady position. Plant in autumn or spring, 12 to 15 inches apart.

**Ageratoides** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Thoroughwort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting in August and September.

**Coelestinum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A pretty, hardy plant, with light purple-blue flowers similar to the Ageratum; in flower from August until frost. 12 to 14 inches. Good cut flower and of easy culture.

**EUPHORBIA - Spurge, Milkwort**

Hardy perennials with handsome foliage. The flowers are yellow or white surrounded by involucres or bracts, which impart a quaint appearance, to the flower heads. In some cases the flowers are inconspicuous, the real attraction being the colored bracts and foliage. Corollata is especially suited for cutting.

**Culture.** Euphorbias succeed best in poor soils and sunny position in the rock gardens or raised borders. Under such conditions they will flower more freely than in a rich soil. Plant in autumn or spring, 8 to 10 inches apart.

**Corollata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Flowering Spurge). Showy and useful plant growing about 24 inches high, and bearing from June till August umbels of pure white flowers much like the Baby's Breath, and excellent for cutting.

**Myrsinites** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A prostrate plant with beautiful bluish foliage. The yellow flowers in early spring do not matter. It is the foliage which makes this plant so valuable.

**Polychroma** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Epithymoides). A beautiful formal plant growing one foot high, forming a hemispherical clump covered with yellow flowers in May and June. Excellent border or rock plant.

**ERYTHRAEA**

Small perennials with grasslike foliage. Dainty subjects for a sheltered spot in the rock garden. There are several species, annual as well as biennial, of not much use. Diffusa is best suited for American gardens.

**Culture.** A light, sandy loam in a protected nook of the rock garden is required for this most charming little Alpine plant. Give slight protection during winter. Very well worth growing. Plant in early spring, 4 to 6 inches apart.

**Diffusa** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A charming little Alpine plant which does best in a dry, sandy soil in light shade. A lovely and very valuable little rock plant. In summer it is covered with clear pink flowers on stems 4 inches high.

Dicentra Eximia

**ERYNGIUM - Sea-Holly**

Handsome, hardy perennials with rigid, spiny leaves, and thistle-like flowers surrounded by spiny bracts. They are decidedly attractive plants for sunny borders. The flower heads, with their metallic blue or silvery bracts and stems, are beautiful subjects for cutting for indoor decoration.

**Culture.** They will thrive in ordinary, well drained soil and a sunny border. May be grown singly or in groups. Plant in autumn or early spring, 10 to 12 inches apart. They are particularly well adapted for sandy soils.

**Amethystinum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Syn. Oliverianum). The true blue Thistle, with amethyst stems and bracts. 2 feet high. At its best in July and August. Beautiful for cutting.

**Giganteum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A very fine giant variety. The plant is very strong, entirely blue-green. When cut and dried, it makes one of the finest specimens for winter decorations. 2 feet high; at its best in August.

**Planum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Branching heads of steel-blue flowers; stems and bracts of a glistening metallic sheen; about 30 inches high. At its best in July and August.

**ERYSIMUM - Rock Wallflower or Hedge-Mustard**

Dwarf growing perennials suitable for growing as edgings or in masses on the margins of sunny borders or exposed places in wall or rock gardens. Very showy plants with fragrant, Wallflower-like blossoms.

**Culture.** Ordinary soil on the edge of sunny borders or in rock gardens. Plant in fall or spring, 8 to 10 inches apart.

**Pulchellum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Fairy Wallflower). Dwarf plant with sulphur-yellow flowers. Six inches high; good rock plant.

**FERNS - Hardy Varieties**

The cultivation of Hardy Ferns is remarkably simple. All they want is a little light alluvial soil, a little loam and peat or leaf mold sufficient to keep the soil light and open, plenty of moisture, position varying from partial to deep shade. The Aspleniums and many others will grow on walls, chinks of rocks, etc. Many will revel in full sunshine in any ordinary border.

**Culture.** A shady position is, of course, preferred, or a spot which gets practically no sun, will be an ideal place for a fernery. If the position should be a very damp one, it will be advisable to raise the surface about 6 inches to a foot. Thoroughly mix a liberal supply of good brown peat with the existing soil, to give a good start. When the plants have become over-grown, lift, divide and replant early in April or fall. For a good effect plant 8 to 10 inches apart.

**Adiantum pedatum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Hardy Maidenhair Fern). Most attractive of our native Ferns; black stems with delicate green fronds; does well in moist spots.

**Aspidium acrostichoides** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Wood Fern). (Polystichum). An evergreen species with deep green, divided fronds. Should be planted in a shady position. 12 inches

**Aspidium spinulosum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Dryopteris spinulosa). (Spinulosa Wood Fern). An evergreen variety that requires rich, well drained soil. 18 to 24 inches.

**Asplenium filix-foemina** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(Lady Fern). Grows in shade or sun. Large and handsome. 3 feet.

**Cystopteris bulbifera** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Bladder Fern). Light green fronds, which attain a length of nearly 3 feet, make it useful for massing on moist banks or for lining walks where a low carpet effect is desired. Plant the crowns just at the surface and 8 inches apart.

**Dicksonia punctilobula** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Dennstaedtia punctilobula). (Hay-scented or Gossamer Fern). Grows well in either sun or shade. 18 to 24 inches. Very erect with broad fronds, of soft, woolly texture.

**Onoclea sensibilis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Sensitive Fern). Requires wet places either in sun or shade. 12 inches.

**Osmunda cinnamomea** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(Cinnamon Fern). Erect fronds, drooping at tips, with bright cinnamon colored spores at ends of fronds; a very conspicuous variety.

**Osmunda Claytoniana** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(Interrupta). A distinct and very beautiful native species; foliage velvety green, with prominent brown spores in middle of fronds.

**Osmunda regalis** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(The Royal Fern). Wonderful in damp, marshy places, where its rich yellowish green foliage and golden stems make very striking subjects.

**Polypodium vulgare** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Common Polypody). One of the best evergreen species for rockwork. Grows 4 to 10 inches high, forming dense mats. Plant about 4 to 6 inches apart for quick results and cover the new bulbs slightly.

**Struthiopteris germanica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(The Ostrich Fern). A very graceful species with finely cut pinnules, growing 2 to 3 feet high.

**Woodsia obtusa** Three \$1.10, Doz. \$3.25, 100 \$22.50  
Large rosettes of curious hoary foliage. Fronds 1 foot in length; very free growing.

**FEVERFEW** (See Matricaria).

**FOXGLOVE** (See Digitalis).





## FUNKIA - Plaintain-lily or Japanese Day-lily

Hardy, herbaceous perennials with handsome green or variegated foliage, and lily-like flowers borne on graceful spikes. The ovate, cordate, or lance-shaped leaves grow in tufted form. Excellent plants for growing in sunny or partially shady borders on the margins of water or as edgings to beds and walks.

**Culture.** Funkias require to be grown in a rich, well manured soil. The variegated kinds are best grown in partial shade. The others will succeed in sunny borders, by the waterside, or as specimens in groups. Subcordata should be grown in a warm, sheltered position. Plant in fall or early spring, six inches apart.

**Coerulea lanceolata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Broad green leaves; blue flowers from July to August.

**Glauc** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A very fine Japanese species with large blue-gray leaves. It makes a fine specimen plant in the border, may also be used in the rock garden.

**\*Lancifolia** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Long, narrow leaves, dull green, produced in abundance; lilac-blue flowers during July and August; excellent plant for shade and edging to shady walks.

**Subcordata grandiflora** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Very large, pure white, lily-shape, fragrant flowers in August and September. One of the best and used very extensively as a ground cover for Lily beds. The foliage provides protection to the bulbs and the flowers because of their lily-like appearance blend in well with the taller growing Lilies.

**Variegata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Variegated foliage; blue flowers. Beautiful edging plant.

## GAILLARDIA - Blanket Flower

We consider the Gaillardia one of the most desirable hardy plants in cultivation, and our strain of these brilliant flowered plants to be the finest extant. We recommend the Gaillardia for bedding purposes as well as for borders. Everyone will have noticed how grandly Gaillardias have thriven through droughts; they seem hardly to need water. The gay blossoms are obtainable in perpetual profusion from June to November, and the greater the drought and scarcity of other flowers the more the utility of the perennial Gaillardia is demonstrated. No more beautiful and brilliant sight can be imagined than a large bed of Gaillardia, with their profusion of highly colored flowers.

**Culture.** A rich, but light soil is essential to grow Gaillardias successfully. They cannot be depended upon to survive the winter on heavy, clay soils, but do splendidly on those of a light or medium character. They require a sunny position. Plant in fall or spring, 6 to 8 inches apart. The plants show to the greatest advantage when grown in groups. It is advisable in fall to protect them from frost with a little dry covering of straw.

### GAILLARDIA, SUN GOD

Here we have one of the greatest of garden flowers. The plants are of neat, upright growth. The foliage is a fine silvery gray-green. The stems are often 2 feet long topped with magnificent chamois-yellow flowers. Gaillardia Sun God is a real acquisition. It is in bloom the entire summer no matter how hot or dry the weather. A wonderful garden plant and handsome cut flowers.

Strong plants ready to flower. Each \$0.50; Doz. \$4.50.

**Improved English Strain Giant Hybrids** Three \$0.85, Doz. \$2.75, 100 \$18.00  
In lovely shades of orange, yellow and red all summer and fall. Flowers measuring 4 inches or more across. The finest mixture available.

## GALEGA - Goat's Rue

Showy plants of the easiest culture and very useful. They have pinnate foliage, and pea-shaped flowers borne in racemes throughout the summer. Of great value for cutting. They are distinctly attractive plants for sunny borders. Plants are of strong, compact habit.

**Culture.** Grow in ordinary, rich soil in a sunny position. Plant in autumn or spring, 6 to 8 inches apart. Every third year lift, divide and replant.

**Officinalis nana rosea flore pleno** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very fine double pink variety; rather rare.

## GALAX

**\*Aphylla** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A pretty little evergreen from the mountains of North Carolina, having shining red or green leaves. Stalks a foot high, bearing many small, white flowers. Hardy in cold latitudes.

## GALIUM - Ladies' Bedstraw

Slender plants creating a rather airy effect. Often used in Europe for curdling milk.

**Culture.** Any well drained, good garden soil in a sunny position in the rock garden suits them best. Plant in fall or spring, 6 inches apart.

**\*Atropurpureum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Erect, thin stems, topped with many attractive, small, purple flowers used to lighten the effect of heavier flowers. It is also good in rockeries and on banks. The general effect is that of the Gypsophila. It is because of the legend that one of these plants was in the hay on which the Mother of Christ rested that it received the name of Ladies' Bedstraw.

## GAULTHERIA - Wintergreen

**\*Procumbens** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Aromatic Wintergreen). A low evergreen, with bright green leaves. Flowers white followed by the bright red berries, which remain until the next season. Give the bed a covering of leaves. It takes a whole season to establish this plant.

## GERBERA - Transvaal Daisy

Lovely tender perennials. Their brilliant sunlike flowers are produced on leafless stems about 18 inches high all summer.

**Culture.** Grow in full sun, prefer a moist, peaty loam and should be protected very carefully during winter in cold regions. They may also be potted up in fall and will continue blooming indoors. In temperate sections of the country they only require a light protection. Plant in spring only, 6 inches apart.

**Jamesoni Giant Hybrids** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A lovely mixture of brilliant orange, pink and yellow shadings; in pots, available in spring only.

## GERANIUM - Crane's-bill

These are the true Geranium, and are quite distinct from the so-called "Greenhouse Geranium," which are really Pelargoniums. Those offered are very interesting plants for growing on the margins of sunny borders or in the rock garden.

**Culture.** Ordinary light or medium soil and a sunny position will suit these plants admirably. They should be grown in groups on the margins of borders or in the rockery. Plant in autumn or spring, 8 to 12 inches apart. Once established do not disturb them, then they will grow and flower with great freedom, and produce a pretty effect the entire summer.

**\*\*Argenteum** Three \$1.60, Doz. \$4.50, 100 \$35.00  
Silver leaved variety; good for hot, dry places in rock or wall garden.

**Endressi** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Handsome foliage and soft rose-crimson lined flowers make this one of the very desirable summer-flowering low border or rock plants. Never over 10 inches high. Does well in full sun or half shade.

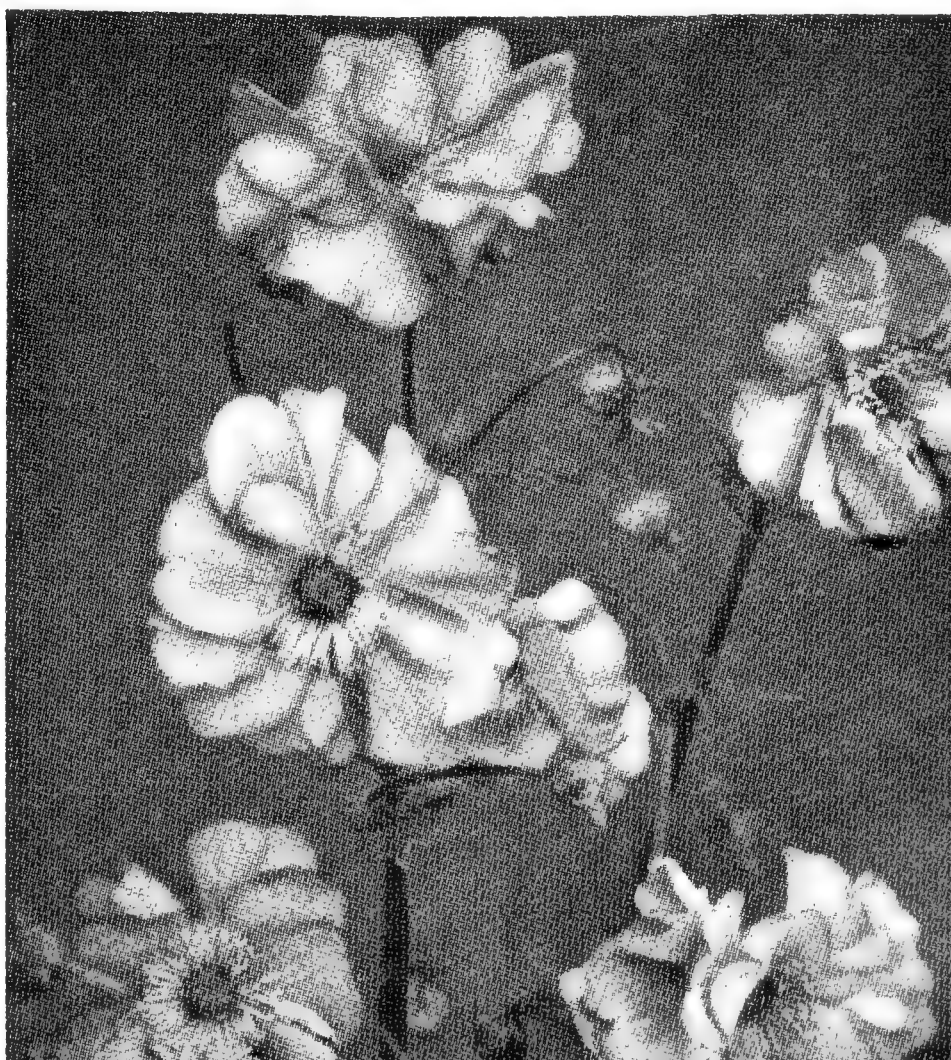
**\*Grandiflorum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely deep blue variety about 20 inches high. For shady places in the rock garden or at the base of shrubs.

**Ibericum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Handsome serrated foliage. Large lilac-blue flowers, blooming all summer; compact bushy plants. 18 inches.

**\*Sanguineum** Three \$1.10, Doz. \$3.25, 100 \$22.50  
Attractive foliage and bright crimson flowers all summer. 18 inches.

**Wallichianum, Burtons Blue** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A lovely new variety from England. Great quantities of rich blue flowers are produced early in summer. It is an excellent subject for the rock garden, as well as the hardy border. Does well in shade.

Geum, Lady Stratheden





## GENTIANA

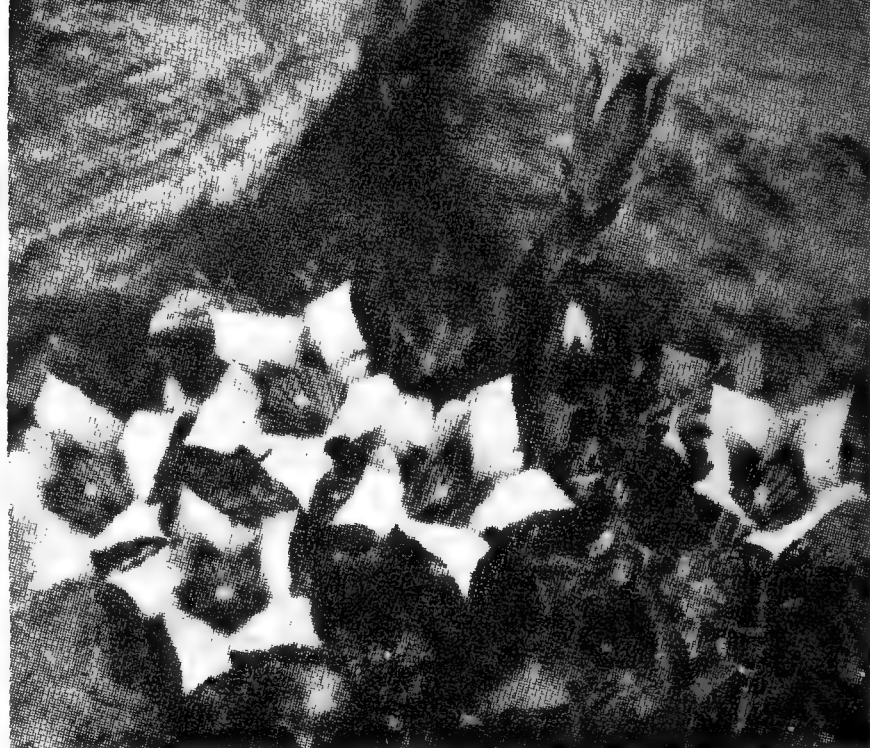
### Gentian

Exquisitely beautiful Alpine perennials, many species of which are admirably suited for border and rock garden. The taller and stronger growing species succeed admirably in grass in colonies in a moist partially shaded border. Gentians may, indeed, be regarded as the most beautiful of hardy perennials.

**Culture.** Gentians require no special care to grow them successfully. Grow in a rich, moist loam containing a fair amount of well-decayed cow manure. Best grown in masses as an edging to a partially shaded border or rock garden. It is advisable in all cases to mix leaf mold freely with the soil before planting. Top dress with well-rotted manure in spring. See that the plants are well supplied with moisture in dry weather. Gentians do not like to have roots disturbed, so do not interfere with them once they are established. Plant in fall or spring, 6 to 8 inches apart.

- \***Andrewsi** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of the most fascinating native plants. The flowers, which are tightly closed, are borne at the top of a stem from 6 to 8 inches long, and are an intense deep blue. Blooms best in moist places. July and October.
- \***Cruciata** Three \$1.60, Doz. \$4.50, 100 \$35.00  
The ubiquitous little cluster headed Gentian of the entire Alpine ranges. The small bright blue flowers are four-lobed. August and September flowering.
- \***Fragifolia** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Another beautiful Gentian of neat habit and easy culture. Gorgeous sapphire-blue flowers in midsummer.
- \***Freyniana** Three \$1.60, Doz. \$4.50, 100 \$35.00  
A beautiful plant in the way of *Gentiana Septemfida* and possibly a geographical form of it. Quite low growing, it sends out short trailing shoots, set with pairs of dark glossy leaves and ending in two or three large bells of bright blue. Rarely exceeds 6 inches in height.
- \***Lagodechiana** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Easily grown and resembles the *Septemfida*. It is, however, prostrate. Not over 2 to 3 inches high, flowering in July. Its sapphire-blue flowers are magnificent.
- \***Purdomi** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A new species introduced by Purdom, and a fine addition to the list of Gentians. Lovely blue flowers in July and August.
- \***Sceptrum** Three \$1.60, Doz. \$4.50, 100 \$35.00  
An erect-growing plant from 2 to 4 feet high, with dark blue, bell-shaped flowers during August and September. Lovely in open woods in half-shade; loves a peaty soil.
- \***Septemfida** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A very easily grown variety about 9 to 12 inches high with clustered heads of sapphire-blue in midsummer.

Gentiana Lagodechiana



Gentiana Cruciata

## GEUM - Avens

Most useful hardy perennials. The varieties offered are showy, free-flowering kinds producing a wealth of attractive flowers which are much prized for cutting. They are of a tufted habit of growth, with pinnate leaves. Excellent for the border.

**Culture.** All succeed in good, ordinary soil in sunny borders. They, however, require plenty of moisture in summer. Best grown in groups. Plant in autumn or spring, 6 to 8 inches apart. If planted in fall it is well to protect them carefully for the winter.

- Coccineum, Mrs. Bradshaw** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A splendid variety, with large, double flowers of a fiery orange-red, blooming nearly all summer. Grand for cutting.

- Lady Stratheden** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A new introduction of great merit. Rich golden yellow blossoms, counterpart of Mrs. Bradshaw. Also a splendid cut flower.

## GENISTA - Dyers Greenweed; Broom

Shrubby plants for growing in dry, sunny borders or on banks. Golden yellow flowers produced freely from May to August.

**Culture.** Ordinary soil and a sunny position. Plant in autumn or spring, 12 to 18 inches apart. Protect with straw in winter, in colder parts of country.

- \***Juncea** Each \$0.50, Doz. \$4.00, 100 \$30.00  
A very fine little spring shrub about two feet high with silky, small leaves, the flowers are freely produced in drooping heads. It is the hardest of the Genistas.
- \***Sagittalis** Each 45c, Doz. \$3.50, 100 \$25.00  
(Dwarf Prostrate Broom). The stems are curiously winged like an arrow, pealike flowers in clustered heads in June. Plant in warm, sheltered part of rock garden. Plant is about 6 inches high.

## GYPSOPHILA - Chalk-Plant; Baby's Breath

They are remarkable for their numerous feathery panicles of small, starry, white or pink flowers borne in profusion on threadlike stalks during early summer. The flowers are highly prized for cutting.

**Culture.** Gypsophila will succeed in any well drained and not too heavy soil. They are very partial to lime, and it is well to mix some lime with the soil before planting. A sunny position is essential. Plant all fully two feet apart. Repens 8 inches apart. Plant in autumn or early spring.

- Bristol Fairy** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A wonderful new introduction. Bristol Fairy produces large panicles of double, white flowers, in which the individual blossom is larger, and of the purest white. It also flowers continuously throughout the summer.

- Paniculata compacta** Three \$0.85, Doz. \$2.75, 100 \$18.00  
When in bloom in August and September it forms a symmetrical mass 2 to 3 feet in height and as much through, of minute white flowers having a beautiful gauzelike appearance.

- Paniculata flore pleno** Three \$1.60, Doz. \$4.50, 100 \$35.00  
A light and graceful cut flower, compatible with all others, no matter of what shape or color; masses of minute double white flowers. Plants offered are grafted, and we guarantee all plants to be double.

- \***Repens** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A beautiful trailing plant for the rockery, with clouds of small, white and pink flowers in July and August.

- \***Repens rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A pale pink-flowered form of the above variety; both lovely in the rock garden or in the dry wall.

- Rokejeka** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Acutifolia). Blush white "Baby's Breath." Tall grower, and a good cut flower.

## GYPSOPHILA REPENS BODGERI

A new pink dwarf double-flowering Gypsophila reaching a height of about 2 feet. It blooms at least 2 weeks earlier than any other double-flowering form which makes it particularly desirable either used for garden display or for cutting. 50c each; \$5.00 per dozen.





Geranium Ibericum

## GRASSES - Hardy Ornamental

There are several varieties of hardy grasses that are distinctly attractive plants for the flower garden. Many of them are of noble, and others of medium or low growth. All produce a striking effect when growing in isolated positions on the lawn, or add to the grace of the border by their elegant green or variegated foliage.

**Culture.** All will thrive in good, ordinary and well drained soil. Plant in early spring or fall, about 2 feet apart for the tall growing varieties; dwarf sorts about 12 inches apart. All should have a protective covering of dry straw placed around the base in autumn. In dry weather give plenty of water.

**Elymus glaucus** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Blue Lime Grass). Handsome Grass with narrow, glaucous silvery foliage. Well adapted for the border or edge of beds with taller sorts. About 18 inches high.

**Erianthus ravennae** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Plume Grass or Pampas). 10 to 12 feet high, frequently throwing up 30 to 50 flower spikes topped with silvery plumes.

**Eulalia gracillima univittata** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Japan Rush). Graceful habit, with very narrow foliage; of a bright green color, with a silvery mid-rib. 6 to 7 feet, with fine plumes.

**Eulalia japonica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Long, narrow, graceful green foliage, and when in flower the attractive silvery grey plumes are 6 to 7 feet high.

**Eulalia japonica variegata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very ornamental; long, narrow leaves, striped green, white and often pink or yellow.

**Eulalia japonica zebrina** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Zebra Grass). The long blades of this variety are marked with broad, yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 6 to 10 feet high and silvery plumes.

**Festuca glauca** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Blue Fescue Grass). 12 to 15 inches. Ornamental Grass. Grown for dense tufts of very narrow, bluish leaves. Used for edgings or for contrast with darker foliage.

**Pennisetum japonicum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Fountain Grass). A beautiful Grass whose flower heads are produced in the greatest profusion. Color rich mahogany, conspicuously tipped with white.

**Phalaris arundinacea variegata** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Variegated Ribbon Grass). Leaves longitudinally striped with white; very ornamental; sometimes runs wild about old places. 18 inches.

## HELIANTHEMUM - Sun Rose or Rock Rose

Dwarf, evergreen, shrubby perennials. Very showy plants for a sunny place in the rock garden or on dry banks. They soon spread, and form dense mases of pleasing foliage studded with brilliantly colored flowers.

**Culture.** All require a sandy, well drained soil. Heavy and damp soils are quite unsuitable. Plant about eight inches apart in autumn or spring. Must have full exposure to the sun and protection with dry straw in winter. Plant in permanent location, as all Helianthemums resent transplanting.

- \***Album plenum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Double white.
- \***Buttercup** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Golden yellow; single.
- \***Clara Middleton** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Single; rich orange.
- \***Fireball** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Bright scarlet; double.
- \***Rhodanthe carneum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Large, pink flowers, silvery foliage.
- \***Sudbury Gem** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Single, crimson-bronze.
- \***Choice Mixed Varieties.** Three \$0.85, Doz. \$2.75, 100 \$18.00  
We offer 3-inch pot plants ready to bloom, which establish without any difficulty.

## GLOBULARIA - Globe Daisy

A dwarf-growing perennial suitable for growing on the margin of sunny borders and very showy in the rock garden. They have evergreen foliage, and blue flowers, borne in globular heads on 6-inch stems.

**Culture.** A rich, sandy loam and a sunny position will suit all. Best grown in colonies. Plant in fall or spring, 6 inches apart.

\***Trichosanthe** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Globe Daisy). A dwarf, tufted little plant with beautiful lavender flower heads. Does well in front of a well drained border and is a brilliant picture in the rock garden.

## HELENIUM - Helen's Flower

A showy and useful family of plants for the summer and autumn decoration of the border, and lovely copper shaded or yellow flowers for cutting.

**Culture.** All will thrive in good, ordinary light soil, all require a sunny position. May be grown singly or two feet apart in masses. Plant in autumn or spring.

**Autumnale superbum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Broad heads of deep golden yellow flowers in late summer. Grows 5 to 6 feet high.

**Bigelovi** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Quick growing, branching plants. 3 to 4 feet high; quite showy during August with terminal clusters of deep yellow flowers; brown centered.

**Crimson Beauty** Three \$1.60, Doz. \$4.70, 100 \$35.00  
Crimson-red blooms in profusion. Plant of medium height and neat habit. One of the darkest of Heleniums.

**Gaillardiaefolium** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Glowing bronzy red petals with just a tip of golden yellow. 3 feet.

**Polyphyllum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A fine delicate bushy plant about 24 inches high, completely covered with small golden yellow, daisy-like blooms of slightly smaller size than the hybrid forms given above.

**Pumilum magnificum** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Large, golden yellow flowers; one of the most floriferous and useful border plants in cultivation. Early, flowering from July to October. Can be successfully used in place of Coreopsis where a more restrained plant is required. Height 12 to 18 inches.

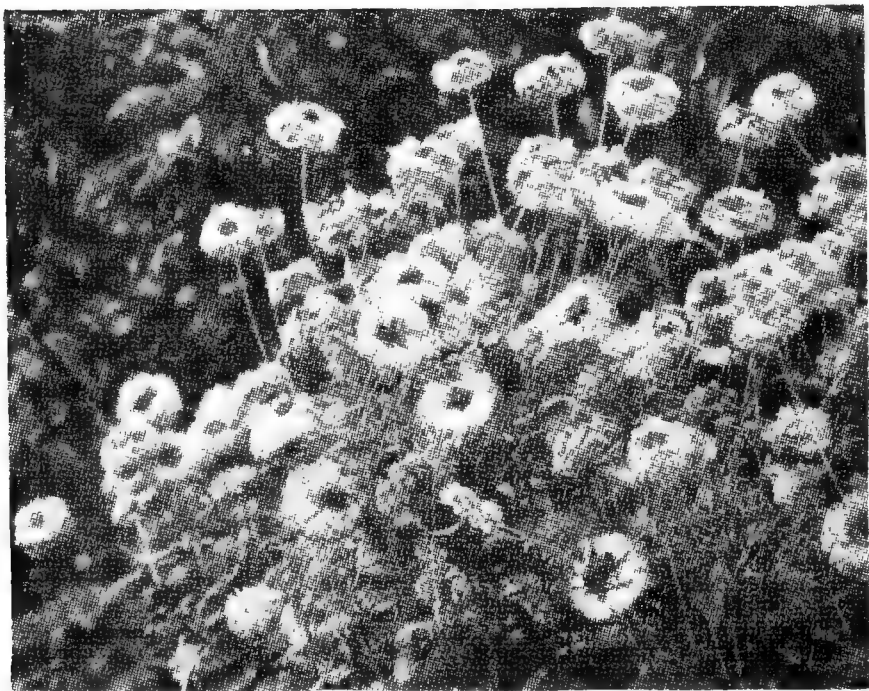
**Riverton Beauty** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Pure lemon-yellow, with large disc of purplish black. 3 to 4 feet high; early fall.

**Riverton Gem** Three \$1.35, Doz. \$3.75, 100 \$27.50  
Old gold suffused with bright terra cotta, changing to wallflower-red. 3 to 4 feet high. From August to October.

**Mixed Shades and Colors** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A fine mixture of the various shades and tones of yellow, gold, bronze, and old gold. Very desirable where an effect in these tones is required.

Erianthus Ravennae





Heliopsis Scabra Excelsa

### HELIOPSIS - Orange Sunflower

Allied to the perennial Sunflower, belonging to the same order, and natives of America. They bear their large, orange colored flowers on long, wiry stems, and are invaluable for cutting.

**Culture.** Grow in ordinary rich soil in a sunny border. They make a most effective feature grown in bold masses. Plant in autumn or spring, 12 inches apart. Lift, divide and replant every third year.

**Pitcheriana** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A desirable variety. The flowers are of a beautiful deep golden yellow, about 2 inches in diameter, very thick texture and a useful cut flower. stems 3 feet high, from July to August.

**Scabra excelsa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double. The plant is about 3 feet high, and from mid-July to the end of September makes an effective display.

### HELIANTHUS - Perennial Sunflower

Very showy and attractive plants for border decoration, massing in the wild garden or flowers for cutting.

**Culture.** Ordinary soil and a sunny position will suffice to grow Helianthus. Lift, divide and replant every second or third year to keep the plants compact and shapely. Few plants can equal the Helianthus for providing a gay display of color in the autumn garden. Plant in fall or spring, 12 inches apart.

**Maximiliani** Three \$0.85, Doz. \$2.75, 100 \$18.00  
The latest of all. Golden yellow flowers in graceful sprays 6 feet long, in October. Fine for cutting.

**Mollis** Three \$0.85, Doz. \$2.75, 100 \$18.00  
An improved variety of tall growth and having large flowers. A decided improvement and most beautiful sort.

**Multiflorus fl. pl.** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Clear yellow; closely resembling a small Dahlia in shape and finish. 4 feet high.

**Sparcifolius** Three \$0.85, Doz. \$2.75, 100 \$18.00  
The best of the summer-blooming varieties of hardy Sunflowers. Flowers 3 inches in diameter and freely produced. Plant grows 3 to 4 feet high, and spreads rapidly. Fine for the border, and for planting among shrubs.

### HERNIARIA - Rupture-wort

Many species are found in Western Asia. The wild English variety, *Glabra*, is considered one of the best hardy trailers of prostrate habit.

**Culture.** Grows well in full sun in a poor, sandy soil between stepping stones or in the rock garden. Good for covering graves if ground is too dry, sandy, or poor to grow grass. Plant in fall or spring, 4 inches apart.

**Glabra** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Prostrate creeper; excellent for planting between stones in terrace or between stepping stones; foliage mosslike, green shading to bronze in winter.

### HESPERIS - Sweet Rocket or Dame's Violet

An old and popular garden flower much beloved and grown by our grandmothers. The flowers are very fragrant.

**Culture.** Will grow anywhere, and freely reproduce themselves from seed. Plant in early spring or fall, 8 to 10 inches apart in full sun or light shade.

**Matronalis** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Fragrant, purple flowers in showy spikes. 2 to 3 feet. June and July. Desirable for wild garden, shrubbery or mixed border.

**Matronalis alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A white-flowered form of the above named sort. Also sweet scented and fine in the border.

### HEMEROCALLIS - Day Lilies

Beautiful hardy perennials belonging to the Lily order. For generations great favorites in all gardens, both here and abroad. The numerous species have long, narrow leaves and yellow or orange flowers, many of which possess a delicious fragrance. Very graceful and stately plants for the waterside, naturalizing in grass, or growing in the partially shaded border.

#### STANDARD VARIETIES OF HEMEROCALLIS

**Aurantiaca** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A strong growing and free flowering variety, producing rich orange-yellow flowers in early summer. 2 feet.

**Dr. Regel** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Handsome, rich orange-yellow flowers in May. Very fragrant. Fine for cutting. 1½ feet.

**Flava** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(Lemon Lily) Sweet scented, clear full yellow; 2½ feet. Flower in June.

**Florham** Three \$1.10, Doz. \$3.25, 100 \$22.50  
A strong grower, 3 to 3½ feet high, large, trumpet-shaped flowers; rich golden yellow, with Indian yellow markings. June and July.

**Fulva** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Brown Day Lily). Coppery orange, shaded crimson. 3 feet. July.

**Hyperion** Each \$1.00  
Is a cross between *Hemerocallis* Sir M. Foster and *Hemerocallis* Florham. It was raised at Iriscrest and appears to be one of the finest of its genus. The flowers are a fine citron yellow on stout stems about 40 inches tall. It is a very imposing variety.

**Kwanso** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Large, double-flowered variety with rich golden bronze flowers in July and August.

**Thunbergi** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Much like *Flava*, but flowers in July, a month later. Spikes 2 to 3 feet tall, and pale yellow blossoms.



Helenium, Crimson Beauty





## HEMEROCALLIS - Day Lilies

**Culture.** A rich, well manured, moist soil is essential for growing these plants successfully. They also prefer partial shade, but do excellently in full sun. May be grown singly or in masses. Plant one to two feet apart in autumn or spring. Lift, divide and replant every third year to ensure the plants flowering freely.

### NEW BETCHER HEMEROCALLIS OF GREAT MERIT

**Bay State** Each \$1.00, Doz. \$10.00  
Brilliant and glistening deep yellow flowers on 4-foot stems. In full bloom about June 28th. Free-blooming and robust in growth.

**Goldeni.** Each \$1.00, Doz. \$10.00  
Large quantities of deep golden orange flowers. Vigorous and a most effective garden variety. Midseason.

**Gypsy** Each \$1.00, Doz. \$10.00  
Brilliant, deep orange flowers on 3-foot, slender stem. In full bloom July 5th. Stems are slender and plant is of medium size. A showy plant for the small border.

**J. A. Crawford** Each \$1.00, Doz. \$10.00  
Rich apricot-yellow shaded light cadmium. Many flowers on 4-foot stems; at their best about June 25th. A lovely plant which looks well in light shade.

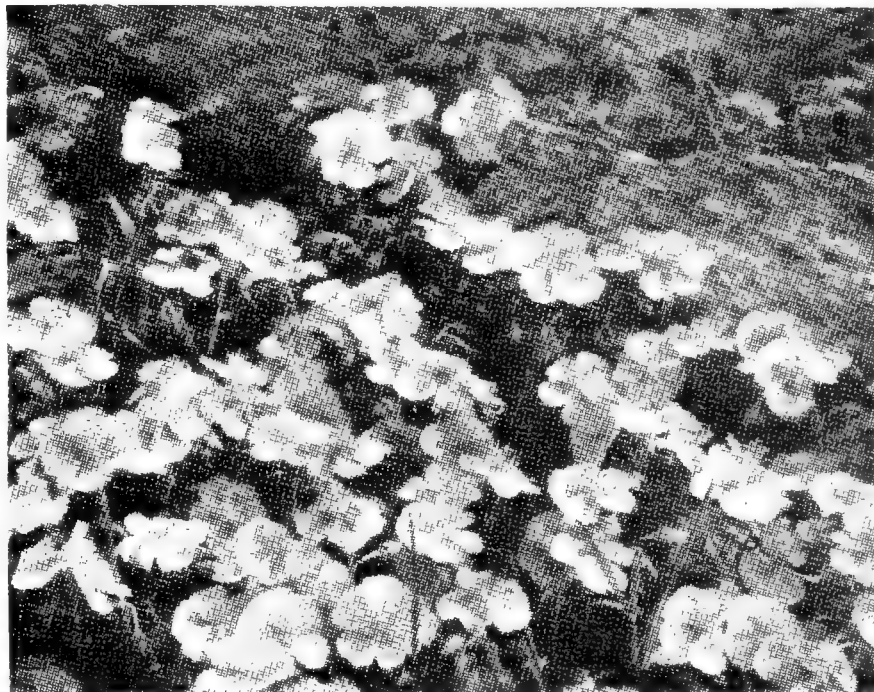
**Lemona** Each \$1.00, Doz. \$10.00  
Delicate and pale lemon-yellow flowers on 4½-foot stems. Blooms are at their best July 1st. One of the finest large blooms, much like a large Japanese Iris in form.

**Mrs. W. H. Wyman** Each \$1.00, Doz. \$10.00  
Lovely light pale lemon-yellow flowers on 4-foot stems. In full bloom August 1st. Very free-flowering and lasts a long time. Latest to bloom of all Hemerocallis.

**The Gem** Each \$1.00, Doz. \$10.00  
Rich, deep orange-yellow flowers on 3½- to 4-foot stems. In full bloom June 20th. Very finely formed bloom, equal to the best Lilies; truly a gem.



Hemerocallis



Helianthemum Varieties

## HELLEBORUS - Christmas Rose or Lenten Rose

There are two distinct types, one, Christmas Rose, flowering in late winter, and the other, Lenten Rose, in spring. Both are valuable for garden decoration because of their flowering during the dull period of the year.

**Culture.** Require to be grown in a cool, moist, shady position, such as under the shade of trees or among ferns. The ideal soil is a retentive loam, freely mixed with leaf mold and well-rotted manure. As Helleborus are impatient of disturbance at the roots it is advisable to select a position for them where they will not be required to be disturbed for many years. Planting may be done in fall or spring, 12 inches apart. Each autumn add a top dressing of leaf mold and well-rotted manure, and let it lie on the surface. In summer give plenty of water.

**Niger** Each Doz. \$0.80 \$9.00  
Strong, 4-year-old field-grown plants  
Helleborus Niger is a dwarf growing hardy plant, able to withstand temperatures many degrees below zero. Its palmlike leaves are evergreen and of leathery substance. In December, January and February, depending upon locality where grown, large, single, white, bell-like flowers which last for weeks, are produced regardless of cold or snow.

**Orientalis.** Each Doz. \$0.50 \$5.00  
Mixed colors  
Orientalis is known as the "Lenten Rose." The colors of its flowers range from pale green through white from pale brown to the deepest tones of chocolate-red. Easier grown than Niger, very interesting plants for shady nooks. Can only be supplied in mixed colors.

## HEUCHERA - Alum Root; Coralbells

Neat-growing and graceful flowering perennials yielding an abundance of flowers suitable for cutting; effective subjects for the margins of borders, as edgings to walks, flower beds, and excellent for the rock garden. They have heart-shaped leaves and bear their dainty blooms in graceful panicles or racemes.

**Culture.** Heucheras require a well-drained, fairly rich, and not too-heavy soil, also a sunny position. Plant 6 inches apart in autumn or early spring. Each spring top dress with well-decayed manure. Lift, divide and replant every third year for best results.

\***Brizoides** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Has more robust foliage and better habit than Heuchera sanguinea; the flowers are pale pink and produced profusely in May.

\***Pluie de Feu** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely coral-red variety and lovely for the rock garden.

\***Rosamundi** Three \$1.20, Doz. \$3.50, 100 \$25.00  
We have carefully tested several varieties of Heuchera in all the pink shades during the past few years, and we find that this is the most desirable of the coral-pink sorts. It is a strong grower, not subject to any blight, and produces an abundance of fine coral-pink blossoms on tall, strong stems, which last over two months.

\***Perry's White** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Pure white flowers which go well with the red and pink varieties, flowering from June to September.

\***Sanguinea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flowers bright crimson, on 12- to 18-inch stems in June to September; very free flowering. Nice for cutting. Excellent for rock garden.

\***Wayside Gardens Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Especially noted for their luxuriant foliage and robust growth. Therefore used principally as an edging to beds or walks. The rich green foliage is tinted with bronze or reddish brown veins and attractive throughout the entire season.



Double Hollyhocks

**HIBISCUS - Mallow**

About one hundred and fifty to two hundred species are known, some annual, others perennial or as shrubs. We are dealing here only with the Giant Mallow of recent introduction which is a tall plant about three to four feet high with immense, white, pink or red, hollyhock-like flowers, freely produced during the summer.

**Culture.** A rich, moist, well drained soil suits them best. Best planted as single specimens in full sun in the border or in groups of three or more on the lawn. Plant in fall or spring, 24 inches apart.

**Hibiscus, New Giant-Flowering**

A wonderfully improved form of our greatly admired native Marsh-mallow or Rosemallow.

**Hibiscus, Red, Pink or White in Separate Colors**

Three \$1.00, Doz. \$3.00, 100 \$20.00

**Hibiscus, Mixed Colors**

Three \$1.00, Doz. \$3.00, 100 \$20.00

**HOUSTONIA - Bluet or Lady's Cushion**

Low-growing, grasslike plants which in spring turn a meadow into a carpet of blue. The effect created by them is, in America, what the Gentian does in Switzerland.

**Culture.** Prefer a loamy soil, richly mixed with peat and must have a constant supply of water at the roots. Grow in full sun and plant in fall or very early spring, 2 to 3 inches apart, in rock garden or along sunny edge of stream or pond.

**\*Coerulea**

Three \$1.00, Doz. \$3.00, 100 \$20.00

A lovely little plant for the rock garden, where it will self-seed and establish itself freely. Plant in fall or very early spring.

**HOLLYHOCKS - Althea Rosea**

Handsome garden flowers full of sentiment and association with the past. Extensively grown not only in this country, but throughout the world; were originally derived from Althea rosea, a Chinese species. When well grown, there are no finer hardy plants in the garden than a good group of them in full flower. At one time preference was given to the double-flowered kinds, but people are beginning to realize that the single flowered sorts have a distinct beauty and charm of their own.

**Culture.** Hollyhocks require a rich, generous, well drained soil. If in the least degree heavy, add plenty of sand and manure to lighten it. The plants must have full sun, and they show to the best advantage when grouped together in bold masses. Set 8 inches apart. Plant in fall or spring.

**Double Triumph Mixed**

Three \$1.20, Doz. \$3.50, 100 \$25.00

A lovely new type from England, beautifully fringed flowers of many new shades not heretofore seen in Hollyhocks. The unusually lovely fringed flowers certainly make this a worth-while addition to the garden.

**New Allegheny**

Three \$0.85, Doz. \$2.75, 100 \$18.00

Immense semi-double flowers, with fringed edges.

**SINGLE**

Three \$0.85, Doz. \$2.75, 100 \$18.00

Separate colors: **Maroon, Mauve, Pink, White, Yellow, and Mixed.**

**Prince of Orange**

Three \$1.20, Doz. \$3.50, 100 \$25.00

A beautiful double orange variety of great charm.

**DOUBLE**

Three \$0.85, Doz. \$2.75, 100 \$18.00

Separate colors as follows. **Bright Rose, Maroon, Newport Pink, Red, White, Yellow and Mixed.**

**Double Emperor Mixed**

Three \$1.20, Doz. \$3.50, 100 \$25.00

Stately plants with formal begonia-like flowers. Charming combination of colors of great variety. Another valuable English novelty.

**HYPERICUM - St. John's Wort or Rose of Sharon**

Many of the species are small, dwarf shrubs. However, there are quite a few that are true perennials. The flowers are yellow and noteworthy for the prominent group of stamens in the center. All are lovely garden subjects for borders as well as the rock garden.

**Culture.** The dwarf species should be grown on the margin and the taller ones toward the front of sunny borders. Good, ordinary or sandy soil will suit their requirements. Calycinum is suitable for covering banks or massing. Plant in early spring, 8 to 10 inches apart. The perennial varieties may also be planted in the fall.

**\*Reptans**

Three \$1.20, Doz. \$3.50, 100 \$25.00

Distinct, prostrate, trailing species from the Himalayas. Very large, soft yellow flowers, tinged reddish in July and August. Good rock plant. Shrubby varieties for low borders and rock gardens.

**Ascyron**

Three \$1.20, Doz. \$3.50, 100 \$25.00

(Pyramidatum) Upright growing perennial about 2 to 3 feet high. Clusters of flowers in July. Each flower is about two inches in diameter. Good for the background in the border.

**\*Calycinum**

Three \$1.20, Doz. \$3.50, 100 \$25.00

Similar to Moserianum, except that it makes underground runners, which, when they come up, produce a beautiful carpet of green covered with large, yellow blossoms. Ground cover; hardiest of all; 20 inches.

**Henryi**

Three \$1.40, Doz. \$4.00, 100 \$30.00

The same as Moserianum, though slightly more upright. A lovely little shrub.

**\*Moserianum**

Three \$1.40, Doz. \$4.00, 100 \$30.00

A most desirable border shrub about 20 inches high, of free and graceful habit, producing long, slender stems, drooping, apparently from the weight of the flowers and buds, although the flowers face so none of their beauty is lost. Color a rich golden yellow, and bloom continuously the entire season.



## WAYSIDE GARDENS

### INCARVILLEA - Trumpet-Flower

Fleshy rooted perennials of striking beauty. They have handsome, coarsely toothed or pinnate leaves, and showy, trumpet-shaped flowers borne in terminal racemes. Choice plants for the sunny border. *Grandiflora brevipes* is a lovely thing in the rock garden, not growing over 4 to 6 inches tall.

**Culture.** All require a deep, rich, loamy and well drained soil and a sunny position. Not suitable for heavy or damp soils. Best planted in March and grown in groups of six or more. Plant 8 inches apart.

**Delavayi** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Rose-pink flowers produced in large trusses on stiff, 18-inch stems.

\***Grandiflora brevipes** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This is the best sort for rock gardens, about 8 inches high with large crimson-purple flowers. A splendid rock plant, easily grown.

### INULA - Fleabane

Hardy perennials, with sunflower-like blooms. Suitable for the margins of sunny borders. The flowers are useful for cutting, lasting a long time in good condition.

**Culture.** Of easy culture in any ordinary soil. Grown in a sunny position in colonies. Plant a foot apart, in autumn or early spring. Divide and replant every third year.

**Hirta** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Stems 12 to 15 inches high with brilliant flowers in July and August. A splendid plant for in front of the hardy border.

**Royleana** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A new introduction from the Himalayan wilds. The flowers are 5 to 6 inches in diameter, rich golden yellow, resembling sunflowers except that the petals are fine and graceful. Not over 18 to 24 inches high. One of the finest new border perennials and most unusual.

### IRIS KAEMPFERI - Japanese Iris

Iris Kaempferi belong to the most magnificent of our garden flowers, a field of them in bloom is a most gorgeous sight. Even a single plant growing on the edge of a pool or stream never fails to bring forth favorable comment. The foliage is also very ornamental. Seeing them for the first time, one cannot withhold an exclamation of surprise and having once seen can never forget their striking beauty. The collection below is one of the finest and most distinct in this country; many growers have come to us for their stock.

**Culture.** Late plantings should be protected by a light covering of straw or leaves after the ground is permanently frozen to prevent roots from being heaved out of ground by frost. Plant in spring or September and October. Avoid all lime.

**Catherine Parry.** \$1.20 per 3; \$3.50 per 12; \$25.00 per 100.  
Double blue, overlaid with rich purple glow; high tufts in center. (Color illustration, page 68).

**Columbia.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Double blue with pure white veins, yellow center; a striking variety of unusual strength.

**Eleanor Parry.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Double. Claret-purple, flaming and blue as flower ages. Compact, medium sized.

**Fascination.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Double. Mauve-pink, lightly veined white. Beautiful variety.

**Gold Bound.** \$1.20 per 3; \$3.50 per 12; \$25.00 per 100.  
A fine double, pure white; creamy glow at the gold-banded center.

**Koko-No-Iro.** \$1.20 per 3; \$3.50 per 12; \$25.00 per 100.  
Six large, royal purple petals, with a yellow center, radiating into lines. Most brilliant Iris.

**Mahogany.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Large, double flowers, the latest to bloom. Purple-mahogany-red. The erect petals prettily crested.

**Purple and Gold.** \$1.20 per 3; \$3.50 per 12; \$25.00 per 100.  
Double. Rich violet-purple with white petaloids, tipped violet. Conspicuous golden throat with bluish white rays.

**Pyramid.** \$1.20 per 3; \$3.50 per 12; \$25.00 per 100.  
Double. Violet-purple veined white in center of each petal.

**Queen of the Blues.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Double; Delft blue veined white, gold center. Handsome flower.

**Shadow.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Single. Self color, reddish purple. Very large fine blossoms.

**Templeton.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.  
Double; reddish violet mottled and marbled white; of exceedingly fine form.

We will supply one root each of any variety you may select at one-third the price of three.

**Mixed Colors.** 75c per 3; \$2.50 per 12; \$15.00 per 100.  
Both single and double varieties. Splendid mixture of the choicest Japanese varieties.



Japanese Iris



## New German Iris

There are so many fine Irises introduced each year that it is very difficult to pick out the best. However, in this list will be found those that are universally hailed as wonderful improvements, or have already proven their claims as superfine Irises. All of these varieties

are definite improvements over older ones of similar coloring, or are of new and novel shades. "S" denotes the Standards or upper petals; "F", the falls or lower petals. Plants ordered from this catalog will be delivered early fall.

**Allure.** 50c each; \$5.00 per 12.  
Exquisitely blended. An entirely new break in color. Its ground color is rich canary-yellow, flushed and overlaid with bright rose-pink, while the beard and style arms are pure canary-yellow. Its coloring is particularly soft and lustrous, and of wonderfully delicate beauty.

**Anna Marie Cayeux.** 75c each; \$7.50 per 12.  
One of the best light blends. A French introduction, given an Award of Merit by National Horticultural Society in France. S. pinkish lilac, flushed grey; F. metallic blue over grey; the "iridescent colorings of a pigeon's throat" to use originator's description.

**Beau Sabreur.** 35c each; \$3.50 per 12.  
An exceptionally fine Variegata with large blooms on tall well-branched stems. S. bronze-aniline-yellow; F. oxblood-red. Very brilliant in color effect. Strong, fast grower.

**Black Wings.** \$2.00 each; \$20.00 per 12.  
A new "black" Iris that is gorgeously deep in tone. S. deep Fluorite violet; F. deeper Fluorite violet, with black veins, and so very velvety that at some angles they are absolutely black. Blooms of good size, and substance; hardy plant. Very fragrant, and a great achievement in breeding, as it is very nearly black.

**Blue Banner.** 50c each; \$5.00 per 12.  
A glorified bicolor. Best of its type. S. lavender-blue, beautifully frilled; F. deep rich velvety blue, with lavender border.

**Blue Velvet.** \$1.00 each; \$10.00 per 12.  
One of the most beautiful and appropriately named, as the entire flower seems to be cut of velvet; color is a deep intense blue.

**Clara Noyes.** \$1.50 each; \$15.00 per 12.  
A very warm, brilliant blend of Talisman rose colors. S. bright apricot, suffused rose-red; F. peach, overlaid copper. A lovely medley of peach, salmon, apricot, and copper.

**Coppersmith.** 35c each; \$3.50 per 12.  
Fine large flowers of velvety coppery red. One of the best.

**Dauntless.** Each, \$1.00; \$10.00 per 12.  
Winner of highest International honors, the Dykes Memorial Medal. The finest and purest red-toned Iris introduced to date.

**Day Dream.** 50c each; \$5.00 per 12.  
A blend of pinkish tones, with falls darker than the standards. Fine large flowers.

**Depute Nymblot.** \$1.00 each; \$10.00 per 12.  
S. coppery red, flushed golden bronze; F. rich claret-crimson. The entire flower seems to be lightly dusted with fine golden powder, which sparkles in the sunlight, giving it an unusual richness.

**Dolly Madison.** 50c each; \$5.00 per 12.  
A beautiful blend of the Quaker Lady type, but far more delicately colored. A bloom of the largest size and perfect shape on tall strong stems, and one of the finest Irises.

**El Capitan.** 50c each; \$5.00 per 12.  
Mammoth flower in manganese-violet color. Largest and finest of its type.

**Firefall.** 50c each; \$5.00 per 12.  
Fiery red. One of the best of this type. A real red Iris. Free blooming.

**Frieda Mohr.** 50c each; \$5.00 per 12.  
Locust fragrance. A deep pink of gigantic size and perfect form. A flower will fill a 7-inch ring. Constant prize-winner.

**Grace Sturtevant.** 75c each; \$7.50 per 12.  
Dark brown-red and violet-carmine. The flowers are exceptionally velvety, illumined by a vivid orange beard. A very brilliant and carrying color, that attracts instant notice.

**King Juba.** \$1.00 each; \$10.00 per 12.  
A very fine new large flowered Variegata, with clear yellow standards, and brilliant velvety red falls. Much larger bloom and taller, stronger growth than the older Variegatas.

**King Midas.** 60c each; \$6.00 per 12.  
S. golden buff, suffused garnet-brown; F. very velvety rich garnet-brown, edged golden buff. A heavy beard of deepest orange and a golden haft illumine the center of the bloom. A flower of soft, beautiful colors, and fine size, substance, and finish. Very early.

**M. A. Porter.** 75c each; \$7.50 per 12.  
An exceedingly rich deep violet, with velvety falls and deep orange beard. One of the best of the new giant flowered varieties.

**Mary Barnett.** 25c each; \$2.50 per 12.  
Glorified Princess Beatrice. Very fragrant. One of the best light blues.

**Mary Elizabeth.** 75c each; \$7.50 per 12.  
One of the finest of the newer American introductions. A large, well-formed flower of most attractive colorings; the various colors combining to give a rich rosy effect.

**Nene.** \$1.50 each; \$15.00 per 12.  
A gigantic bloom over 9 inches in height, with petals of proportionate width, Nene is the largest of all Iris. Its color is pleasing. S. soft, clear lilac; F. vinous red, lighter at the margin. Splendid shape with such firm substance that it does not flop, in spite of its immense size. Very stout well-branched stalks.

**Pink Opal.** \$1.00 each; \$10.00 per 12.  
A fine, tall, large, uniform pink toned Iris of exquisite beauty. Should be in every collection.

**Pluie D'Or.** 50c each; \$5.00 per 12.  
A pure, brilliant golden yellow self. A large bloom of good shape on tall, well-branched stems. The color is pleasing, a clear, intense yellow that carries well, and the plant is perfectly hardy, and very floriferous. The tallest and very best deep yellow.

**Rameses.** 75c each; \$7.50 per 12.  
Winner of the Dykes Medal for 1932. A lovely blend of soft yellow and tourmaline-pink, the flower being suffused with a yellow glow at the center. A perfect flower in every way.

**San Francisco.** 50c each; \$5.00 per 12.  
Blooms of purest white distinctly edged with beautifully contrasting blue. San Francisco is one of the handsomest of all Iris, with huge flowers of fine flaring shape and heavy substance, borne on tall stems that branch low and widely, like a candelabra. Dykes Medal, 1927.

**Sir Michael.** 50c each; \$5.00 per 12.  
S. clear brilliant lavender-blue; F. deep rich, velvety blue-purple, with a fine red-brown glow at the haft. Beard is brilliant red-gold. A splendid grower, with exceedingly strong, widely branched stems. Strikingly prominent in the garden.

**Sunlight.** 50c each; \$5.00 per 12.  
One of our largest and finest soft yellows. Unsurpassed as an exhibition flower, and lovely with pale blues.

**Venus de Milo.** \$1.50 each; \$15.00 per 12.  
Dr. Ayres gigantic new pure white. Honorable Mention American Iris Society. Considered by many the best white. A perfect flower in every way.

**W. R. Dykes.** \$1.50 each; \$15.00 per 12.  
It is a fine rich golden yellow in color, the finely domed and frilled standards clear yellow, the falls lightly flaked with violet, and the beard a brilliant orange. This magnificent yellow is of a size hitherto undreamed of in yellow Iris.

## Autumn Flowering German Iris

These Autumn Flowering Irises have two or more normal flowering seasons each year. They blossom in the spring along with other early flowering varieties and again in the autumn, beginning in September and continuing until killed by heavy frosts. Some of them also flower intermittently throughout the year.

**Autumn Queen.** 75c each; \$7.50 per 12.  
This is a reliable spring and fall bloomer. A pure snow white. It belongs almost in the same class as Jean Siret and Lieut. Chavagnac so far as size and height is concerned, but is a little larger and a little taller.

**Black Magic.** \$10.00 each.  
It is more free flowering in September than almost any Iris is during the regular season. It also is the largest and tallest of all the fall bloomers, being about 30 inches high. The flower is almost black.

**Golden Harvest.** \$1.00 each; \$10.00 per 12.  
A fine large deep yellow veined with red-gold on the falls. A reliable spring and fall bloomer everywhere. This variety is quite scarce.

**Jean Siret.** 75c each; \$7.50 per 12.  
A new yellow everblooming Iris. This variety and Lieut. Chavagnac are the most persistent bloomers of the Iris family. They begin to flower quite early in the spring with the earliest miniatures and have a long spring flowering season. They also have an equally long autumn flowering season.

**Lieut. Chavagnac.** 75c each; \$7.50 per 12.  
A new everblooming fragrant violet colored variety, with the same qualities as Jean Siret. The two go well together.

**Olive White.** \$1.00 each; \$10.00 per 12.  
This is a good cream-colored spring and fall bloomer.

**Ultra.** 50c each; \$5.00 per 12.  
A new ultramarine blue. A reliable fall bloomer, and an unusual blue color.





## *Iris Germanica*

(German or Flag Iris)

The German Iris is one of the finest, if not the finest, of our hardy plants. Not particular as to soil or location, but asking only that the sun shine on it. It throws up spikes of bloom that are marvelous in their delicacy of structure, and the colorings, which are exquisitely dainty, are wonderful in their blendings and variety.

**Culture:** Iris will grow in any good soil and under almost any condition. They like lime and should be divided and reset every third year.

S., standing petals; F., drooping petals.

**Alcazar.** 75c per 3; \$2.50 per 12; \$15.00 per 100.

S. light bluish violet; F. deep purple with bronze veined throat. Striking flower.

**Ambassadeur.** 75c per 3; \$2.50 per 12; \$15.00 per 100.

S. a fascinating smoky velvety purple color; F. velvety purple-maroon; beards and style yellow.

**Asia.** \$1.40 per 3; \$4.00 per 12; \$30.00 per 100.

One of the highest rated and finest Irises in cultivation. A massive flower of aristocratic bearing, in a soft blend of lovely hazy smoky blue. It is also one of our tallest Irises.

**Ballerine.** \$1.75 per 3; \$5.00 per 12; \$40.00 per 100.

S. light blue-violet, broad and waved at the margin; F. a deeper shade; sweet scented. A splendid, tall, strong growing Pallida form. 36 to 48 inches.

**Candlelight.** \$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

Large flowers of pale pinkish lavender illuminated from within with a rich golden glow; a very lovely Iris.

**Caprice.** 75c per 3; \$2.50 per 12; \$15.00 per 100.

S. rosy red; F. deeper rosy red. Large and handsome. 24 inches.

**Cecil Minturn.** 85c per 3; \$2.75 per 12; \$18.00 per 100.

Soft Cattleya rose. A beautiful flower with broad petals, gracefully waved and crinkled.

**Crusader.** \$1.20 per 3; \$3.50 per 12; \$25.00 per 100.

One of the finest lavender-blue varieties, the falls being a deeper tone than the standards. A tall, strong grower with very large flowers of good substance.

**Fairy.** \$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

White, delicately bordered and suffused pale blue. The tallest standard variety giving a white effect.

**Germaine Perthuis.** 75c per 3; \$2.50 per 12; \$15.00 per 100.

Fragrant, late. This is one of the finest Irises in cultivation with extremely high rating. Intense velvety violet-purple throughout.

**Mother of Pearl.** \$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

Standards and falls pale bluish lavender with a faint creamy undertone. Large flowers of exceptional substance and perfect form on well-branched stems.

**Opera.** \$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

A rich violet-red bicolor. S. bright rich pansy-violet; F. rich velvety violet-purple. Vigorous and free.

**Pallida Dalmatica, Princess Beatrice.**

75c per 3; \$2.00 per 12; \$15.00 per 100.

This is the true type of Pallida Dalmatica and still one of the most attractive and satisfactory all around varieties, with flowers of large size; both standards and falls of a clear lavender-blue shading to a pale silvery blue at the base and sweetly scented. It is of strong, vigorous growth, over 3 feet high with unusually heavy glaucous foliage. (Color illustration, page 68).

**Pallida Dalmatica, foliis variegatis.** 50c each; \$5.00 per 12.

This beautiful variety is conspicuous on account of its striking variegated foliage, which is of a glaucous green with broad bands of creamy yellow, every leaf being well marked.

**Primrose.** \$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

A very handsome flower of the finest form and good substance and nicely branched. Standards deep yellow, the falls lighter.

**Queen Caterina.** 85c per 3; \$2.75 per 12; \$18.00 per 100.

A midseason variety of beautiful clear orchid-purple veined with brilliant gold; the whole being further enhanced with a bright orange beard.

**Rhein Nixe.** 75c per 3; \$2.50 per 12; \$15.00 per 100.

S. white; F. violet-blue with white edge. A splendid tall, strong growing plant. Foliage is good and where a color combination of this sort is desired, there is no better.

**Shekinah.** 75c per 3; \$2.50 per 12; \$15.00 per 100.

A delightful shade of pale yellow shading to amber in the throat, with a lemon-colored beard. This is a true yellow Pallida, and the first of the type. A most uncommon and very handsome variety.

**Snow White.** \$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

A pure snow-white, with soft green markings, which gives it an especially delicate appearance.

**Souvenir de Mme. Gaudichau.**

\$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

A rich, deep velvety purple Iris; of fine shape and finish. Tall, early and very distinct. Striking and remarkable. 42 inches.

**Gold Imperial.**

\$1.00 per 3; \$3.00 per 12; \$20.00 per 100.

The greatest golden yellow Iris known; might be called the Golden Iris.

**Isolene.**

85c per 3; \$2.75 per 12; \$18.00 per 100.

Round standards of pale pinkish buff, strongly flushed mauve; the sharply reflexed falls are Chinese violet with russet tints at sides.

**Lord of June.**

75c per 3; \$2.50 per 12; \$15.00 per 100.

S. lavender-blue; F. rich violet-purple. A magnificent variety of gigantic size.

**Magnifica.**

\$1.40 per 3; \$4.00 per 12; \$30.00 per 100.

All that its name implies, flowers of immense size on stiff branching stems 4 feet high. Falls of a superb dark reddish purple, standards light violet-blue.

## IRIS PUMILA - Miniature Flag

These beautiful little Irises do not grow over 4 inches high and bloom in April and May. They are fine for bordering flower beds or planting in the rock garden.

**Atroviolaced**

Wine colored; very dwarf.

Three \$1.00, Doz. \$3.00, 100 \$20.00

**\*Sombo**

Dark violet-blue.

Three \$1.00, Doz. \$3.00, 100 \$20.00

**\*Excelsa**

A splendid pale lemon-yellow.

Three \$1.00, Doz. \$3.00, 100 \$20.00

**\*Fairy (Coerulea)**

Pale blue; very dwarf.

Three \$1.20, Doz. \$3.50, 100 \$25.00

**\*Schneecuppe**

A large, showy, pure white.

Three \$1.00, Doz. \$3.00, 100 \$20.00

## IRIS SPECIES

Some very interesting sorts are here listed and described; many of them splendid for naturalizing and large, permanent plantings.

**\*Cristata**

(Evansia). A dainty native creeping species, only 3 inches in height; flowers rich amethyst-blue in May; a gem for a shady spot in the rock garden or an excellent ground cover under trees when it will form a solid carpet covered with flowers which are very lovely to behold.

Three \$1.00, Doz. \$3.00, 100 \$20.00

**Dichotoma**

(Vesper Iris). A most attractive fan-shaped plant 8 to 12 inches high. The slender, 2-foot high flower stalk carries a number of small light purple blooms which open in the late afternoon. Four to six blooms open at one time. While the flowers do not last long, they are produced in endless profusion. A choice gift from China for the rock garden or border.

Three \$1.40, Doz. \$4.00, 100 \$30.00

**Ochroleuca gigantea**

Forms large clumps succeeding in almost any position, producing late in May numerous 3-foot high stems with an abundance of very distinct creamy yellow flowers.

Three \$0.85, Doz. \$2.75, 100 \$18.00

**Setosa (Hookeri)**

A very attractive Asiatic species. Broad foliage. Stout leafy stems bearing several rich violet-purple flowers in June. 24 inches high. Fine for moist situations.

Three \$1.60, Doz. \$4.70, 100 \$35.00

**Orientalis White**

Similar to the Sibirica varieties but not so tall. Produces masses of lovely small white flowers; a fine plant for border or waterside; about 30 inches high.

Three \$0.85, Doz. \$2.75, 100 \$18.00

**Sibirica, Snow Queen**

An exquisite hardy Iris; the flowers are of a snowy whiteness, large and well formed, produced in great abundance; foliage light and graceful. A gem for flower border or waterside. 3 feet high.

Three \$0.85, Doz. \$2.75, 100 \$18.00

**Sibirica superba**

Large, violet-blue flowers; handsome foliage. Fine border plant and grand subject for planting near water, where it blooms profusely; 3 feet high.

Three \$0.85, Doz. \$2.75, 100 \$18.00

**\*Tectorum**

A beautiful species from the Orient with delicately crested blue flowers, 12 inches high, in June. This is the roof Iris of Japan where it is grown on the thatched roofs of the cottages. Lovely in the rock garden.

Three \$1.00, Doz. \$3.00, 100 \$20.00

**\*Tectorum Alba**

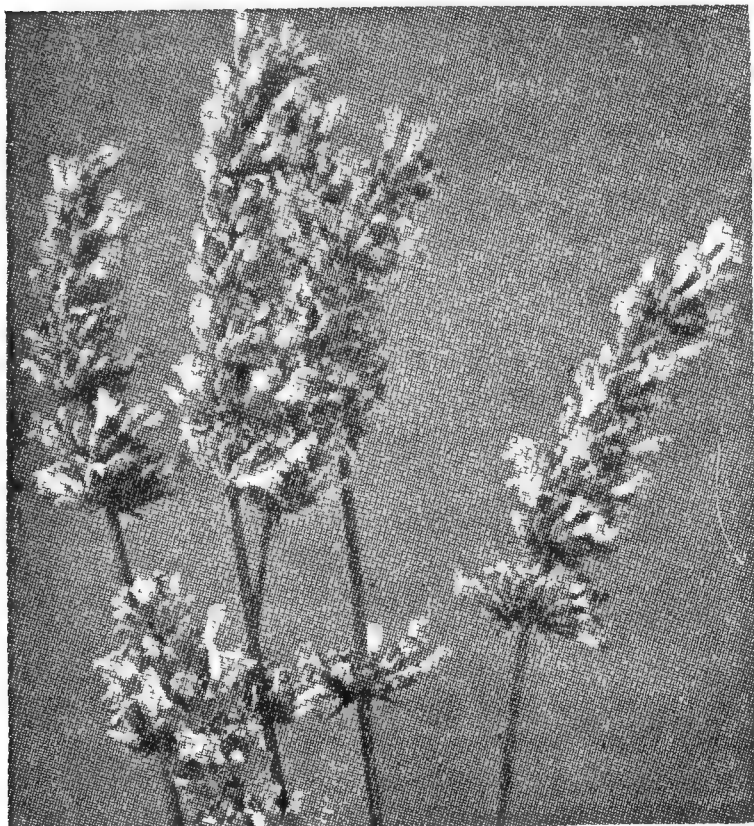
White form of the above

Three \$1.20, Doz. \$3.50, 100 \$25.00

**Wilsoni**

Similar in growth to the Sibirica varieties. Its flowers are creamy yellow. June-July flowering. About 30 inches high.

Three \$1.60, Doz. \$4.70, 100 \$35.00



Lavandula Vera

### IBERIS - Candytuft

Although these plants are perhaps more generally grown in the rockery, they are equally appropriate subjects for the margins of herbaceous borders or as edging to garden walks. When in flower in spring and covered with a mass of snow-white blossoms, they add considerably to the attractions of the garden. They are of shrubby growth, with dark green, evergreen foliage.

**Culture.** Grow in good, ordinary soil. Plant in fall or spring, 6 inches apart. When plants become straggly, trim them into shape directly after flowering.

\***Little Gem (true form)** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Dwarf, pure white flowers in June. Its uniform, neat habit makes it one of our best rock or edging plants; perfectly hardy.

\***Sempervirens** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Covered with a sheet of white flowers in spring, completely covering its rich dark green foliage; a particularly fine plant for the border.

### JASIONE - Sheep's Scabious

The flowers of the Jasione are small globes about two inches in diameter, composed of many light blue flowers, on stems a foot high. The plants are of easy culture.

**Culture.** Grow in any good, well drained garden soil in full sun or partial shade, in front of the border, or in the rockery. Plant in fall or spring, 6 to 8 inches apart.

\***Perennis** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Like a very dainty lavender-blue Scabiosa, about 6 inches high, flowering in June and July.

### LACTUCA - Blue Lettuce

A well known group of plants to which our Lettuce belongs. All the species possess narcotic and sedative properties. Perennis, the hardy variety offered has deeply cut, long leaves and large, pale blue flowers.

**Culture.** Ordinary soil will suit this plant. Largely used in front of the border or in groups of three or more in the rock garden in full sun. Plant in autumn or spring, 8 to 10 inches apart.

\***Perennis** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A charming low-growing plant suitable for the border or rock garden; light blue flowers freely produced. 14 inches high, in early summer.

### LATHYRUS - Perennial or Everlasting Pea

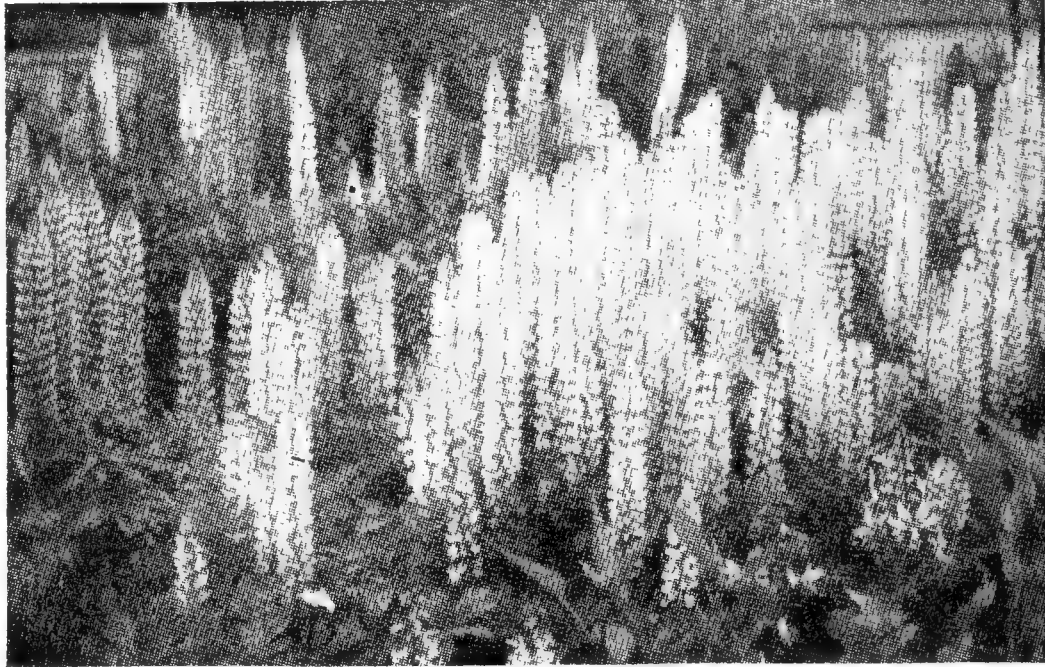
Trailing plants suitable for growing on arches, pergolas, trellises, or trailing over rough banks. They have annual stems and die down in autumn.

**Culture.** Grow in ordinary soil. Train up arches, pergolas, trellises, or fences, or may be left rambling over rough banks, where they cannot over-run choice plants. Plant in autumn or spring, 3 feet apart.

**Latifolius, Pink Beauty** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Large racemes of pleasing deep rose flowers.

**Latifolius, Red** Three \$1.00, Doz. \$3.00, 100 \$20.00  
The well known red Everlasting Pea.

**Latifolius, White Pearl** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A great improvement on the older white variety, the stems giving from 12 to 15 flowers each.



Lupinus Polyphyllus

### LAVANDULA - Lavender

An old-fashioned, fragrant, shrubby perennial, which has been grown for centuries in almost every garden. It has hoary leaves and bears its lavender colored flowers on erect spikes in July and August. There are several varieties of it, the two best for this country are named below. Its fragrant flowers are highly valued for drying and preserving.

**Culture.** Prefers a rather dry, medium soil and a warm position. The dwarf form especially suitable as an edging to paths. The Vera is also grown thus in large gardens. Where it is grown in quantity for flowers, plant two feet apart each way. The best time to plant is in spring; fall planting is all right if plants can be well protected. After a few years the plants get straggly, then the shoots should be cut back moderately in March or April; in fact, this may be done annually.

\***Nana** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Is a very fine new dwarf English introduction. Good for edging and planting between Roses.

**Vera** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

### LEONTOPODIUM - Edelweiss

Low-growing rock plants about 4 to 5 inches high, densely covered with whitish wool with attractive flat, starlike clusters of woolly floral leaves, surrounding very small, inconspicuous yellow flowers.

**Culture.** Grows to perfection in an elevated position in the rock garden in light, well drained soil in full sun. Plant in fall or spring, 4 to 6 inches apart.

\***Alpinum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A well known Alpine with pretty silvery white leaves; starlike heads clothed with a dense white, woolly substance. A splendid plant for the rock garden, 4 to 5 inches high, easily grown and always of great interest, as this is one of the most famous of rock plants from the European Alps.

### LEWISIA

Dwarf plants for forming lovely rosettes of leaves not unlike some of the Saxifragas. They are exceptionally fine material for the shady rock garden. There are two types, one which loses its foliage during the winter; the others are fine evergreens. All are perfectly hardy.

**Culture.** All Lewisias must have a loose, porous soil with a moderate amount of humus or leaf mold. It must be deep, at least a foot, and drainage must be excellent. They like a gritty soil and one of the best things to mix is the fine screenings from crushed rock. Deciduous species are better in full sun. All evergreen varieties are best in light shade. Plant in fall or spring.

#### DECIDUOUS LEWISIAS

\***Oppositifolia** Each \$0.50, Doz. \$5.00  
Has spatulate leaves and a very pretty starry white flower. A few inches high. Plant in full sun.

\***Rediva** Each \$0.50, Doz. \$5.00  
Deciduous, is a small plant with large, satiny pink flowers of great beauty. Plant in full sun.

#### EVERGREEN LEWISIAS

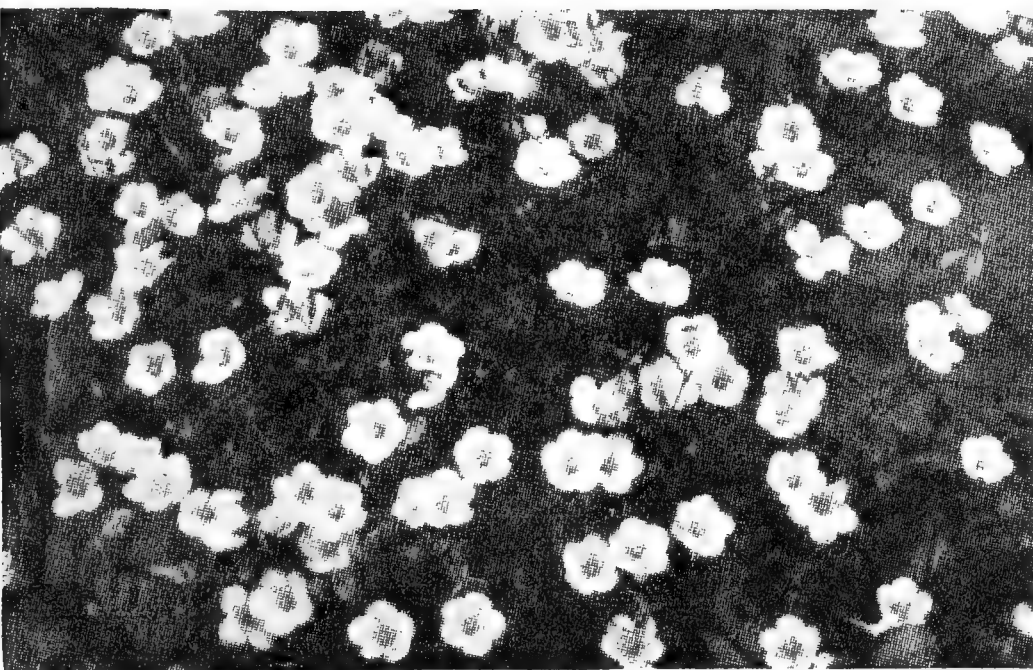
\***Columbiana** Each \$0.50, Doz. \$5.00  
Has a rosette of short leaves and rosy flowers with dark lines down the midrib.

\***Finchi** Each \$0.50, Doz. \$5.00  
The broad bright green leaves are 1½ inches wide by 3 inches or more long and make a close rosette flat on the ground. Four or five slender scapes, 8-12 inches high, each bear from 20 to 30 very handsome soft pink flowers margined with a broad white band.

\***Howelli** Each \$0.50, Doz. \$5.00  
With beautifully crested leaves and pink flowers.

\***Leana** Each \$0.50, Doz. \$5.00  
With slender, pine-like leaves and many smaller magenta flowers. It forms many-headed clusters of blooms.





Linum Perenne

**LIATRIS - Blazing Star or Gay-feather**

Showy plants, native of North America. They have grassy, linear leaves produced in a thick, tufty mass, out of which arise the stems furnished with spikes of purple flowers.

**Culture.** They will all thrive in ordinary garden soil, in sun or in shade, and are grown in groups of three or more. Plant 8 inches apart. Plant in autumn or early spring. May be grown by the waterside, and bees are very partial to the flowers

**Pycnostachya** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Nothing can be planted that will attract more attention on account of its unusual appearance; but it is beautiful as well as odd. It blooms in midsummer and throws up long, narrow spikes of rich purple flowers, four feet high, which last a long time.

**Scariosa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Spikes about three feet in height, of a good clear purple. Flowers before Pycnostachya and is the next most desirable.

**Spicata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Similar to Pycnostachya, somewhat earlier in bloom and not quite so tall

**LILY-OF-THE-VALLEY - Convallaria**

**\*Berlin Forcing Pips** 25 \$2.00, 100 \$7.00, 250 \$17.50  
The earliest, largest and best for forcing. Extra strong pips with long roots producing flowers with 15 to 20 bells and fine foliage. Ready in December for indoor forcing.

**LILY-OF-THE-VALLEY FOR GARDEN PLANTING**

**Majalis** Doz. \$1.00, 100 \$5.00  
Fortin variety. This popular and fragrant subject repays for being well treated. Grand for massing near shrubs or along shaded borders.

**Clumps** Three \$1.70, Doz. \$5.00, 100 \$40.00  
Our clumps are grown from the finest type of imported Fortin stock and are far superior to the common native sort.

**LINARIA - Toad Flax**

Most of them are more suitable for rockery than border culture. Yields dainty, snapdragon-like flowers. The one offered is a very attractive creeping, vinelike plant for the rock garden or in crevices in an old wall.  
**Culture.** Ordinary soil and a sunny position. Best grown in a mass on the wall or a well drained rock garden. Plant in autumn or early spring, 4 inches apart.

**\*Alpina** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Brilliant orange and purple flowers like miniature Snapdragons, abundantly produced on trailing plants with neat greyish green foliage. Invaluable for the rock and Alpine garden. Blooms in summer and autumn Hardy.

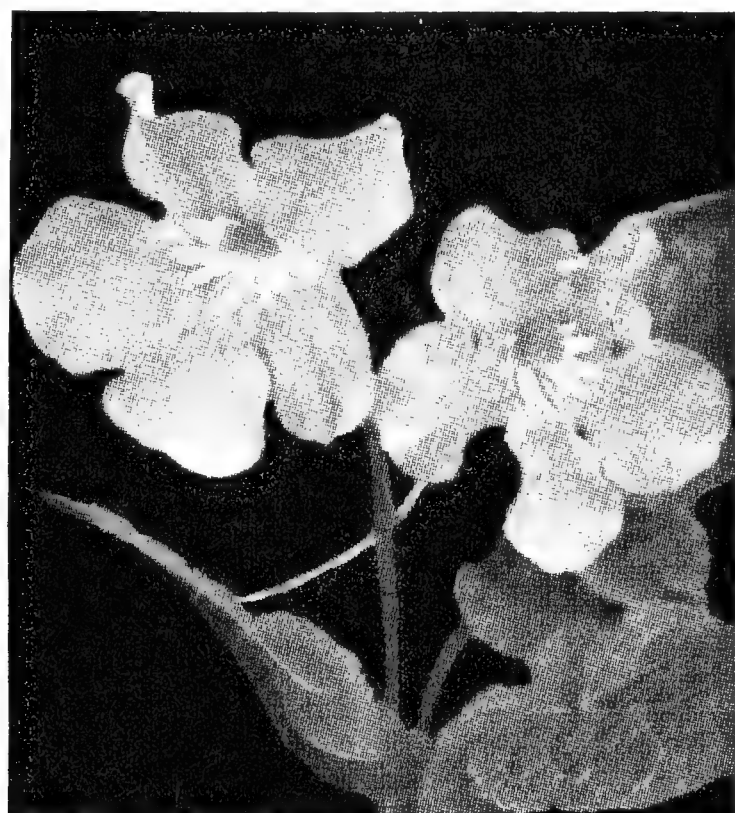
**\*Cymbalaria** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Kenilworth Ivy, or Mother of Thousands). Lavender and purple flowers. A charming, neat, hardy perennial trailing plant, suitable for rock work and wall gardens.

**LUNARIA - Honesty; Judas Penny**

An annual noted for its handsome silvery disks which are left on the plant after the seed has been removed.

**Culture.** Plant in Fall or very early Spring in ordinary garden soil in full sun. Space plants 18 inches apart to permit proper development.

**Bienertia** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Violet and white flowers are produced early in spring which should not be cut. The seed pods which are very freely and quickly produced are round, upon removal of the outer husks a silvery round disk is disclosed. The entire plant should be cut down and used for winter decoration. Especially handsome combined with Bittersweet.



Incarvillea Grandiflora

**LINUM - Flax**

Elegant, feathery leaved free-flowering, hardy perennials suitable for dry, sunny borders or rock gardens. Not suitable for heavy, damp soils.

**Culture.** Sandy or ordinary, well drained, light soil and a sunny position is essential for these plants. Grow in colonies, and plant in autumn or early spring, 8 inches apart

**\*Alpinum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A rare species from the Dauphine, of prostrate growth with showers of pale blue blossoms throughout the summer.

**\*Flavum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Fine variety with transparent, yellow blossoms.

**\*Narbonnense** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Forms a spreading clump of attractive foliage with a profusion of azure blue flowers with white eye. Very handsome for the rockery.

**\*Perenne** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Very attractive, both in foliage and bloom. Flowers beautiful pale blue on slender, graceful stems.

**\*Perenne alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
White form of the above.

**LUPINUS - Lupine**

Stately and beautiful perennials. Their elegant leaves and bold, massive, 3- to 4-foot spikes of blue, white, or pink, pea-shaped flowers, should be placed in the front rank of hardy border plants.

**Culture.** They require a warm, sheltered position and well drained, light or medium soil, preferably slightly acid; never give any lime, but plenty of water during dry weather. They are specially adapted for planting in bold groups. Plant in fall or early spring, 10 inches apart.

**Polyphyllus, Blue** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Hardy Lupine). Clear blue spikes, 3 to 4 feet high, during June.

**Polyphyllus albus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A white variety of the above.

**Polyphyllus atroviolaceus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Lovely deep tones of violet and violet-blue. The shades are all very closely resembling each other.

**Polyphyllus carmineus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Carmine-red and ruby-red tones and shades, all very similar, giving a uniform effect

**Polyphyllus luteus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Shades of yellow from pale to deep giving a lovely effect.

**Polyphyllus, Moerheimi** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Pink

**Polyphyllus roseus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flowers of beautifully shaded rose.

**Polyphyllus salmoneus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Many tender tones of pink and salmon creating a lovely picture when six or more are planted in a bold group

**Wayside Gardens Sweet-Scented Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00

A wonderful new strain that may be classed among the most beautiful of all hardy flowers. Colors are both rich and delicate shades of blue, mauve, pink, etc., and the flowers are borne in long spikes that for size and beauty rival giant Snapdragons. The added novelty of being sweet scented makes these one of the best garden plants we have ever distributed.

**LITHOSPERMUM - Gromwell**

Low growing hardy perennials, some shrub-like and evergreen, splendid for the rock garden in sheltered location, especially suited for our southern gardens.

**Culture.** Any rich, well-drained garden soil, fairly free from lime in sunny position in the rock garden or as an informal edging. Plant in spring only, 10 to 12 inches apart. Clip or prune immediately after flowering.

**Prostratum**

Each \$0.60, Doz. \$6.00

This lovely, low-growing sub-shrub or woody perennial should be in every sheltered rock garden. During July and August the spot in which it is planted will be transformed in the most gorgeous blue ever seen in the rockery. It is prostrate, giving much the same effect as a clump of Daphne.

**LOBELIA - Indian Paintbrush**

One of the showiest scarlet border plants we have. They are ideal plants for waterside, or for moist, partially shaded borders.

**Culture.** Lobelias require a moist and shady position to do well. If grown in a border prepare the soil by digging in plenty of well-decayed manure before planting. They are best grown in large colonies, and should be planted 6 inches apart. Plant in spring or fall, protect lightly in winter. They must have plenty of water in dry weather.

**Cardinalis**

Three \$1.00, Doz. \$3.00, 100 \$20.00

(Cardinal Flower). Rich, fiery cardinal flowers, often producing 4 to 6 spikes, 24 to 30 inches long.

**Syphilitica**

Three \$0.85, Doz. \$2.75, 100 \$18.00

(Great Blue Lobelia). Similar in growth to Cardinalis, but the flowers are blue, streaked with white. Plant in a moist place. Desirable for border of brook or lake.

**LYCHNIS - Campion or Catchfly**

Easily grown and attractive perennials. They vary in stature and are suitable for growing in sunny borders or rock gardens. Bearing large heads of brilliantly colored flowers, that liven up the border during summer and early autumn.

**Culture.** All are best grown in groups in good, ordinary soil. With the exception of Haageana, which does best in partial shade in the rockery, the rest should be grown in a sunny border. Plant the tall kinds 18 inches apart and the dwarf ones 6 inches apart in autumn or early spring. Divide and replant every third year.

**\*Alpina**

Three \$1.00, Doz. \$3.00, 100 \$20.00

Dwarf, rose-pink. A charming little plant for the rock garden about 4 inches high.

**Chalcedonica**

Three \$0.85, Doz. \$2.50, 100 \$18.00

Heads of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border. 3 feet; all summer.

**Forresti Hybrids**

Three \$1.00, Doz. \$3.00, 100 \$20.00

A strain which embraces a varied range of colors, including crimson, carmine, pink, white, etc. About 2 feet in height, and admirably suitable for border decoration. The plants are in full bloom in June, a period when the herbaceous border is almost bare.

**\*Haageana**

Three \$1.00, Doz. \$3.00, 100 \$20.00

1 foot. June to August. Very showy, producing orange-red, scarlet or crimson flowers nearly 2 inches across. Should be planted in light shade.

**\*Viscaria flore pleno**

Three \$1.10, Doz. \$3.25, 100 \$22.50

A fine double variety; fine for cutting.

**Viscaria splendens alba**

Three \$0.85, Doz. \$2.75, 100 \$18.00

Flowering profusely in June and July; it is one of the best white flowers at that time of the year. 8 to 10 inches high; fine border plant.

**Viscaria splendens**

Three \$0.85, Doz. \$2.50, 100 \$18.00

Pink form of the above.

*Myosotis Palustris Semperflorens*



*Nepeta Mussini*

**LYSIMACHIA - Yellow and White Loosestrife**

Although weedy in habit they are welcome additions to the garden. They grow naturally in moist positions, and hence to cultivate them properly they must be grown in moist, shady borders, or by the waterside. The Creeping Jenny is an excellent carpeting plant to grow among hardy ferns or other low, wet places.

**Culture.** The Creeping Jenny should be grown as a carpeting plant on a shady, moist border. The other variety may be grown in shady, moist borders, or in bold groups in moist parts of the wild garden, or by the waterside. Plant in autumn or spring, in ordinary soil. 8 to 10 inches apart. Should be divided every third year.

**Clethroides**

Three \$1.00, Doz. \$3.00, 100 \$20.00

Long, recurved spikes, 2 feet long, of pure white flowers, from June to September. A desirable variety.

**\*Nummularia**

Three \$0.85, Doz. \$2.75, 100 \$18.00

(Creeping Jenny or Moneywort). Valuable for planting in wet places in shade or sun.

**LYTHRUM - Purple Loosestrife**

Suitable showy plants for moist, shady borders and the waterside. There is only one really worth growing, and that is Superbum. The plants are of stately growth, and bear their rosy or purplish flowers in tall leaf spikes.

**Culture.** Grow in ordinary soil in moist, shady borders, or in groups by the waterside. Plant in autumn or early spring and divide and replant every third year.

**Superbum roseum**

Three \$0.85, Doz. \$2.75, 100 \$18.00

Very showy rosy purple spikes about 2 or 3 feet high, produced in profusion all summer. Splendid for banks of streams and ponds.

**MATRICARIA - Double Mayweed; Feverfew**

Attractive, low-growing plants for the border. It has finely divided leaves and double flowers, on stems about 1½ feet in height, which make an effective display throughout the entire summer.

**Culture.** Will grow freely in ordinary well drained soil in a sunny border. Plant one foot apart in autumn or early spring.

**Little Gem**

Three \$0.85, Doz. \$2.75, 100 \$18.00

A most useful border plant and valuable summer cut flower, with large double, white flowers. June until October. 18 to 24 inches.

**Golden Ball**

Three \$0.85, Doz. \$2.75, 100 \$18.00

Dwarf yellow form of above.

**MAZUS**

Prostrate and creeping rock plant, a very attractive subject for the rock garden.

**Culture.** Well drained, sandy soil in a sheltered position in the rock garden suits this plant best. Will grow well in light shade; plant in fall or spring, 4 to 6 inches apart. Protect lightly each winter in colder sections of the country.

**\*\*Reptans**

Three \$1.10, Doz. \$3.25, 100 \$22.50

A dwarf and interesting Alpine plant, covered in early spring with dainty lilac flowers with a small, white lip, borne just above the foliage.

**MERTENSIA - Virginia Cowslip; Blue Bells**

All are of medium growth, and well suited for shady or partially shady borders. Mostly blue- or white-flowered. The only one we really recommend is *Mertensia virginica*.

**Culture.** All will succeed in ordinary soil. A shady or partially shady position is desirable, lovely planted in open woodlands together with daffodils. Plant in autumn or very early spring. 6 to 8 inches apart.

**Virginia**

Three \$0.75, Doz. \$2.50, 100 \$15.00

An early spring-flowering plant, growing about 1 to 1½ feet high with blue flowers fading to pink; one of the most interesting of our native spring flowers.





Oenothera Missouriensis

**MIMULUS - Musk or Monkey-flower**

Hardy perennials also known as Musk, and will thrive in moist, shady borders among hardy ferns, in damp, shady spots. Luteus especially will flourish well in our gardens.

**Culture.** A moist soil, rich in leaf mold or humus, and a cool, shady spot, will grow them best. Luteus may also be grown on the margins of water or in shallow ditches of running water. Plant in spring only, 6 to 8 inches apart.

- \***Luteus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A splendid plant for shady, moist places. Produces during the entire summer large snapdragon-like, yellow flowers. Also does well in full sun. About one foot high; somewhat spreading habit.

**MITCHELLA - Partridgeberry**

Lovely creeping evergreen plants, their shiny foliage and red berries are a great attraction in winter.

**Culture.** They prefer a soil containing plenty of humus, such as provided by rotted leaves. Plant in half-shade in the rockery or open woods, in early spring or fall, 6 to 8 inches apart.

- \***Repens** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A little trailing evergreen. It forms fine mats under trees, and when once established is sure to please.

**MYOSOTIS - Forget-me-not**

Charming spring and summer flowering plants. Their dainty blue or pink flowers are produced freely and are always pleasing to the eye, whether massed in beds or on the margins of borders or ponds.

**Culture.** Palustris is most at home in damp positions, as the margins of water, but will thrive in moist shady borders. The soil should be fairly rich and not too heavy, and contain plenty of well-rotted manure to ensure healthy growth and an abundance of flowers. Plant in autumn or spring about 6 inches apart. Excellent as a ground cover between Tulips, plant in that case 10 inches apart after the Tulip bulbs have been planted.

- \***Palustris semperforens** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Large, rich blue flowers with yellow eye; a charming plant for damp places and a more profuse bloomer than the alpestris, which also is inclined to be biennial in habit.

**MITELLA - Bishop's Cap**

Low-growing slender perennials with racemes of small white flowers. There are four species, Diphylla, offered is best.

**Culture.** Loves a woods soil and a shady place in the rockery or open woods. Plant in fall or spring, 2 to 4 inches apart, in groups of twelve or more.

- \***Diphylla** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A gem for the shady position. Feathery spikes of creamy white flowers. 12 to 18 inches, in May and June.

**MONARDA - Bee-balm; Bergamot**

The flowers are borne in close heads or whorls on stems about 2 to 3 feet high, surrounded by colored bracts, and the leaves are more or less fragrant. Attractive plants for the semi-shady or sunny border, the wild garden, or for the city gardens.

**Culture.** Grow in ordinary soil in sunny borders or in light shade. All may be naturalized in the wild garden. Plant in bold groups in autumn or spring, 10 inches apart. Divide and replant every third year.

- Didyma, Cambridge Scarlet** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Brilliant crimson-scarlet flowers are produced freely from June until August. A good plant for wild garden as well as border or garden in the city where other flowers don't grow well.

- Didyma rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A variety of the preceding, with rose colored flowers.

- Didyma violacea superba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Deep amaranth-red flowers.

**NIEREMBERGIA - Trailing Cup-flower**

A dwarf, creeping plant with spoon-shaped leaves, and creamy white, bell-shaped flowers. An interesting plant to grow in a moist, shady border. Does very well in full sun.

**Culture.** Grow in sandy loam freely mixed with well-decayed manure, in a moist spot, and plant in spring only, 6 to 8 inches apart. Give plenty of water in dry weather. Protect lightly over winter.

- \***Rivularis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Charming dwarf creeping Alpine plant, bearing large, creamy white, cup-shaped flowers from June till September; most desirable plants for the rockery.

**NEPETA - Ground Ivy; Catmint**

Really only 3 varieties are worthy of culture, and are suited for massing in the garden. The foliage is aromatic and silvery gray, the small flowers are lavender-blue.

**Culture.** Ordinary soil, well drained, and a sunny position will suit the Nepetas. Plant in autumn or spring, 8 inches apart. Best grown in masses.

- \***Mussini** Three \$1.00, Doz. \$3.00, 100 \$20.00  
An excellent plant for any position, but especially useful in the rock garden. Of dwarf, compact habit, producing masses of bloom of a beautiful shade of lavender all spring and intermittently during the summer; it is one of the most used rock plants or edging plants in Europe. A garden in which the paths are edged with Nepeta Mussini should be fairly large, as it is quite strong in growth; it may be clipped back at any time. Very lovely plant.

- \***Nervosa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Vivid light blue; a fine companion to the well known Mussini, the flowers of which are a deeper lavender and of a different shade. Lovely in the rockery.

- Souvenir Andre Chaudron** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A very distinct, upright growing plant, 14 to 18 inches high. Silvery gray foliage and large dark blue flowers blooming constantly during June, July and August in the hottest and driest weather. Grow in the border in a dry, sunny place.

**OENOTHERA - Evening Primrose**

The species named below are specially suitable for growing on the margins of sunny borders and rock gardens, and all make a continuous and brave display of color throughout the summer with little attention.

**Culture.** All require a well drained, medium sandy soil, freely inter-mixed with well-decayed manure, and a sunny position to grow and flower freely. Show to the best advantage when grown in groups. Plant 8 inches apart in spring or fall. They are apt to perish in winter if grown in heavy, damp soils.

- \***Fraseri** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pale yellow flowers on 12-inch stems from June until October.

- Fruticosa major** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A strong growing plant, forming a dense, bushlike specimen; flowers deep yellow, in profusion, on 24-inch stems from June until September.

- \***Missouriensis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A low species with prostrate, ascending branches; profuse bloomer. Solitary flowers, often 4 inches across. Good for rock garden or border; in bloom from June until August.

- \***Speciosa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Pure white flowers 3 inches across, in great quantities on 18-inch stems all summer.

- Youngi** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A strong, stocky, large-leaved plant with firm, shiny foliage, numerous bright lemon-yellow flowers on stems about 24 inches tall from June to August.

Nierembergia Rivularis





Papaver Orientale, Mrs. Perry

Papaver Nudicaule



## ORCHIS - Hardy Orchids

Their quaint and curious flowers are most interesting, and as they are not particularly difficult to cultivate, those who care for them should give them a little corner in their rock garden.

**Culture.** A special bed should be provided for Orchids, sheltered from the mid-day sun, in loam, peat and leaf mold; give water occasionally in dry weather. Plant in fall or spring, 6 inches apart in groups of three or more.

\***Spectabilis** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Showy Orchid). This lovely hardy orchid produces a raceme of delicate lavender and deliciously fragrant flowers, 6 to 8 inches high in May. Plant in shade and water copiously when dry.

## OROBUS - Bitter Vetch

The species named below are of tufted habit with pea- or vetch-like foliage and pea-shaped flowers.

**Culture.** They will thrive in light or medium soils in sunny borders. Plant in autumn or spring, 12 inches apart.

**Vernus** Three \$1.60, Doz. \$4.70, 100 \$35.00  
Spreading bushes. Slender stems with narrow foliage. Dainty spikes of rosy purple or blue-red veined pea-like flowers.

## PAPAVER ORIENTALE - Oriental Poppy

Oriental Poppies are the regal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual kinds. For a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position.

**Culture.** Almost any kind of soil suits them, but they do best in deep, rich loam. Set the plants out in the fall or early spring before the first of May, 12 inches apart. Give them water occasionally during dry spells in the early part of the season. Mulch with any litter in the fall; and they will increase in size and floriferousness for several years. The proper planting season for field-grown roots of Poppies is during the last of August, September and October. In spring, strong plants are supplied in pots to insure success.

**Oriental** Three \$0.85, Doz. \$2.50, 100 \$18.00  
(Oriental Poppy). Tremendous cup-shaped blooms of brightest crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when bloom is fully open. Clumps of these throughout the border add a brilliancy that no other flower can provide.

**Oriental, Beauty of Livermore** Three \$1.20, Doz. \$3.50, 100 \$25.00  
The finest dark crimson with black blotch; fine flowers freely produced.

**Oriental, Fairy** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely delicate Poppy, not very large, with pure pale pink blooms of medium size, an excellent variety for small beds.

**Oriental, Lula A. Neeley** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Good strong stems support flowers of brilliant oxblood-red, the color holding until the last. This variety is becoming a most popular Poppy in America.

**Oriental, May Sadler** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Salmon-pink with black markings. We believe it one of the finest of the pink sorts because of its large flowers and robust growth.

**Oriental, Mrs. Perry** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Orange-apricot, and a very fine variety, the best of all the "Pink Poppies."

**Oriental, Olympia** Three \$1.40, Doz. \$4.00, 100 \$30.00  
The flowers, when fully developed, are about 4 inches in diameter; when first opening full double, but show a bunch of stamens as they mature. It is a brilliant rich flame overlaid with glistening golden salmon.

**Oriental, Perry's White** Three \$1.20, Doz. \$3.50, 100 \$25.00  
The flowers are a fine satiny white with a crimson-maroon blotch at the base of each petal.

**Oriental, Wurtembergia** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A striking flower of great size and substance. Brilliant glowing rose-red in color.

## PAPAVER NUDICAULE - Iceland Poppy

These lovely dwarf plants are of great value in the sunny border or rock garden. Their brilliant orange, yellow, white or pink flowers are produced all summer.

**Culture.** Should be planted in well drained, sandy soil in full sun. Planting should be done very early in spring or early in fall for best results.

\***Baker's Sunbeam Mixture** Three \$0.85, Doz. \$2.75, 100 \$18.00  
These plants are of neat habit, forming a tuft of bright green, fern-like foliage, from which spring throughout the entire season a profusion of slender, leafless stems, 1 foot high, each graced with charming, cup-shaped, yellow, orange, white or pink flowers.

\***Papaver alpinum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Like a small and more delicate Iceland Poppy having flowers of white, pink, orange or yellow, and often delicately fringed. Not over 4 inches high.

\***Papaver Thibetica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very attractive Alpine with showy orange flowers produced in great quantities; the whole plant not unlike a dwarf orange Papaver nudicaule, but giving twice as many flowers and more readily transplanted; excellent for the rock garden.



## WAYSIDE GARDENS

### PACHYSANDRA TERMINALIS

Trailing plants 6 to 8 inches high, forming broad mats of bright glossy green foliage. A ground cover, which will grow in all shady situations. Some of its main uses are: Under all evergreen plantings, under all shrub plantings, for areaway copings, for shrub borders, for bordering walks and drives, for steep terraces in sun or shade, under any kind of trees.

**Culture.** A well drained, rich, fibrous loam suits them best. Because of the fact that Pachysandras are always closely planted together and usually under or near shade trees, it is well to enrich the soil frequently with well-rotted manure or bone meal, applied in fall or spring in liberal quantities. Plant in fall or spring, 3 inches apart. Pot plants may be planted throughout the summer.

#### Field Grown Plants

	100	1000
Field grown plants 1 year old.....	\$ 8.50	\$75.00
Field grown plants 2 years old.....	10.50	95.00

#### Pot Plants

	Doz.	100.	1000
2-year-old plants in 3-inch pots.....	\$2.00	\$12.00	\$110.00
3-year-old plants in 3-inch pots.....	2.50	18.00	160.00

### Single Japanese and Chinese Paeonias

A type not very generally known, but awakening great interest and enthusiasm. The opened flowers are of extra wide spread, with one or more layers of broad guard petals which act as a cup to the mounted center. In place of the pollen-bearing stamens, the stamens and anthers are greatly enlarged into narrow, thick, twisted petaloids of various colors, forming a dense cushion.

- Camille** Each \$1.00, Doz. \$10.00  
Clear violet-red; a lovely kind.
- Clairette** Each \$1.00, Doz. \$10.00  
Pure white, very large and a strong grower, giving many blooms.
- Dai-O-Kuhan** Each \$1.00, Doz. \$10.00  
A wonderful Japanese Peony. The large flowers are deep rose paling at the edges with bright yellow crest.
- Emma** Each \$1.50, Doz. \$15.00  
Lilac dark pink. Two rows of perfectly shaped, round petals. Very large flower.
- Eva** Each \$1.25, Doz. \$12.50  
Bright, light lilac-crimson. Very lively shade. Large, round petals. Free bloomer. Short stems. Unsurpassed for landscaping.
- Francoise** Each \$1.50, Doz. \$15.00  
Bright rose. Two rows of petals. Center composed of petaloids which, when the flower opens, are of a yellow-white shade, edged yellow. While the flower develops the petaloids take on the same shade as the guard petals. An excellent variety.
- Lucienne** Each \$1.50, Doz. \$15.00  
Pure white with purple reflex. Most striking garden sort.
- Mikado** Each \$1.25, Doz. \$12.50  
The Peony shown at the Chicago World's Fair in 1893 by the Japanese Government. A rich red with long, rounded petals of brilliant red surrounding a great dome of golden staminodes. Exceedingly brilliant.
- Nagasaki** Each \$1.25, Doz. \$12.50  
Light pink, dark foliage and robust growth. Excellent in the border.
- Nano-Henge-Shibori** Each \$1.00, Doz. \$10.00  
("A striped color"). Very late. Deep rose, heavily splashed with carmine. At first full bomb shape, eventually revealing a variegated central cushion of gold and carmine; the new reflexed guards carrying streaks of green and yellow.
- Nympe** Each \$1.50, Doz. \$15.00  
Bright flesh-pink. Large flowers. Golden stamens. A very fine variety.
- Oitatsu** Each \$1.25, Doz. \$12.50  
Opens very light pink and changing to pure white. Two rows of petals of which the inner row is somewhat shorter than the outside row. The petaloids are yellowish white with little pink tips.
- Oki-No-Nami** Each \$1.00, Doz. \$10.00  
("Waves in the far-off sea.") Tall, free-flowering and showy. Pale Hydrangea-pink, rippled on white; with full, fine cut center of peach pink and cream.
- "Rose of Nippon"** Each \$1.50, Doz. \$15.00  
A wonderfully free bloomer, a persistent mass of brilliant 6-inch flowers. Very deep rose, the broadly prominent center darkened by carmine, and illumined by countless starpoints of both silver and gold. Many centers are slightly tufted.
- Ruigegno** Each \$1.50, Doz. \$15.00  
Clear red. Two rows of petals. Golden petaloids. A variety of great substance and very beautiful.
- Shiro-Sangao** Each \$1.50, Doz. \$15.00  
An exact counterpart of the lovely No. 47, except that this variety is white, and by far the choicest of the whites. Its Lily-cup guards are milk-white; the extensive central tuft of narrow petaloids buff, noticeably crested with gold. Eight-inch flowers are normal, produced freely.
- Taikon** Each \$1.50, Doz. \$15.00  
Blood-red. Most striking against a dark background.
- Yeso** Each \$1.50, Doz. \$15.00  
Pure white. Two rows of petals which stand out straight. The petaloids lie straight, are narrow at the base and become wider towards the end. The tips of these are tinted salmon. Very unusual.



Single Peony



Chinese Tree Peony

**Paeonias (Peonies)**

- Albert Crousse** 3-5 Eyes, Each \$0.45, Doz. \$4.50  
(8.6) Very fresh salmon-pink, delicate color. Large compact bomb shape; fragrant; erect; medium height. Late.
- Alsace-Lorraine** 3-5 Eyes, Each \$0.80, Doz. \$8.00  
(8.8) A marvelous Peony in the landscape. The creamy white petals are painted and suffused with a golden light from the stamens, suggesting a water-lily. It is a tall and vigorous grower. Late bloomer.
- Baroness Schroeder** 3-5 Eyes, Each \$0.60, Doz. \$6.00  
(9.0) Rose type; late. White with shadings of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant.
- Chestine Gowdy** 3-5 Eyes, Each \$0.40, Doz. \$4.00  
(8.4) Late midseason. Crown type. The broad outer petals are silvery pink. These enclose a zone of fine, irregularly shaped petals of deep rich cream, which in turn surround a prominent cone of broad pink petals, splashed and tipped with crimson. Very fragrant.
- Edulis Superba** 3-5 Eyes, Each \$0.40, Doz. \$4.00  
(7.6) Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. One of the best commercial Peonies. There is much confusion over this variety being sold under twenty or more different names.
- Ella Wheeler Wilcox** 3-5 Eyes, Each \$0.40, Doz. \$4.00  
Late flowering bomb type. Its immense blossoms are deliciously fragrant and of a most pleasing shade of shell-pink. Exceedingly free flowering.
- Frances Willard** 3-5 Eyes, Each 60c, Doz. \$6.00  
(9.1) Rose type; opens an exquisite blush white; with an occasional carmine touch, changing to pure white. Listed among the world's twenty most beautiful Peonies.
- Felix Crousse** 3-5 Eyes, Each \$0.40, Doz. \$4.00  
(8.4) Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth. Stems rather weak. Midseason.
- Festiva Maxima** 3-5 Eyes, Each \$0.40, Doz. \$4.00  
(9.3) Paper white, crimson markings in center. Very large and full rose type; very tall, strong growth. Early.
- Judge Berry** 3-5 Eyes, Each \$0.50, Doz. \$5.00  
(8.6) Early. Very large, flat bloom of delicate flesh-pink; petals narrow, long and fringed, with some stamens intermingled; fragrant. Very profuse bloomer.
- Karl Rosenfield** 3-5 Eyes, Each \$0.45, Doz. \$4.50  
(8.8) Very large flower; globular, semi-rose type. Extremely vigorous grower, tall, and free-flowering. As an early red it has no equal.
- Kelway's Glorious** 3-5 Eyes, Each \$2.00, Doz. \$20.00  
(Kelway 1909). (9.8) Buds slightly tinted pink, opening into large blossoms of iridescent white. Fragrant. Late midseason. This is undoubtedly one of the finest Peonies.
- Kelway's Queen** 3-5 Eyes, Each \$2.00, Doz. \$20.00  
(8.8) Pink. The stocks of this variety have been badly mixed and many spurious sorts have been sold under the name of Kelway's Queen. Once the genuine variety is seen, there can be no mistake. It is a distinct Peony, both in flower and plant. We have the true variety and guarantee our stock of Kelway's Queen to be absolutely genuine. A large compact, rose type flower of uniform mauve, with center flecked crimson. A tall, strong grower, very profuse bloomer. Late midseason. One of Kelway's finest. Very distinct color, a great show flower.
- La Lorraine** Each \$1.50, Doz. \$15.00  
(8.6) This Peony comes in a class with Solange and Le Cygne, but it is a surer and more perfect bloomer. The color is a soft creamy white and the flower has a beautiful form. We have built up strictly healthy stock of this.
- Le Cygne** 3-5 Eyes, Each \$1.75, Doz. \$17.50  
(9.9) Very large, perfectly formed flower, freely produced; cream-white with a touch of green at the heart. The finest white. Received the highest rating of any Peony.
- Longfellow** 3-5 Eyes, Each 75c, Doz. \$7.50  
(9.0) Everyone concedes Longfellow one of the most popular red Peonies because of its distinct, fadeless color and general dependability, both for cutting and garden decoration. It is as striking in the field as in the show room. It comes into bloom early midseason. The plant has excellent foliage and strong, stiff, stems. The flower is a bright crimson and is always found among the winning classes.
- Marie Crousse** Each \$0.75, Doz. \$7.50  
(8.9) The nearest to salmon-pink in Peonies. A most lovely variety. Tall stem and beautifully formed flowers of a charming shade of salmon-pink. Blooms midseason.
- Mons. Martin Cahuzac** 3-5 Eyes, Each \$1.00, Doz. \$10.00  
(8.8) Medium size, globular, semi-rose type. Dark purple-garnet with black reflex. The darkest Peony known. Strong, vigorous grower, free bloomer; midseason.
- Mons. Jules Elie** 3-5 Eyes, Each \$0.50, Doz. \$5.00  
(9.2) The peerless pure pink. Broad reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. One of the largest, handsomest and most lasting cutting sorts in existence.
- Martha Bulloch** 3-5 Eyes, Each \$0.75, Doz. \$7.50  
Mammoth cup-shaped blossoms often 9 to 12 inches across. The largest of the good Peonies. Deep rose-pink in the center, shading to silvery shell-pink in the outer petals. Stalks strong and erect.



Peony, Ella Wheeler Wilcox

- Officinalis rubra fl. pl.** 3-5 Eyes, Each \$0.50, Doz. \$5.00  
Rich deep crimson; the great Decoration Day Peony. This is the early red Peony of our grandmothers and the one we see in the old gardens. This variety can remain undisturbed for many years. It will develop into large clumps giving dozens of flowers.
- Primevere** 3-5 Eyes, Each \$1.75, Doz. \$17.50  
(Lemoine 1907). (8.6) Guard petals deep creamy yellow and center petals sulphur-yellow. If not exposed to the full sun the flowers will hold a canary-yellow which is most attractive. Very fine. Midseason.
- Richard Carvel** 3-5 Eyes, Each \$0.75, Doz. \$7.50  
One of the best early reds which we have. Large, bomb-shaped blooms of the same style as Felix Crousse but better in color.
- Ruth Brand** 3-5 Eyes, Each \$0.40, Doz. \$4.00  
(7.9) This variety is one of the good early pinks. The flower is very large, bomb type. The guard petals are prominent and enclose a grand ball of compact center petals. The color is uniform soft lavender-pink, splashed with a deeper lavender. This is a splendid variety to cut. It has a delicate and pleasing fragrance.
- Sarah Bernhardt** Each \$0.75, Doz. \$7.50  
(9.0) Apple-blossom-pink, very free-blooming and flowers of perfect form on graceful stems. This is the ideal pink cut flower Peony.
- Solange** 3-5 Eyes, Each \$1.00, Doz. \$10.00  
(9.7) Flower very large, compact; rose type; outer petals delicate waxy white, deepening toward the center with shades of orange and golden brown. One of the most beautiful Peonies in existence; a strong grower and a late, free bloomer.
- Souvenir de Louis Bigot** 3-5 Eyes, Each \$1.00, Doz. \$10.00  
(9.1) Flowers large, convex, rose-form with fringed petals. Bright bengal-rose, slightly tinged carmine at the base, changing to salmon-pink with silvery reflex. The color of this pink Peony does not fade in the sun and the stems are set in the foliage as though they were arranged in a vase. An unusually fine Peony, blooming midseason to late.
- Therese** 3-5 Eyes, Each \$0.75, Doz. \$7.50  
(9.8) A most desirable variety of a charming shade of violet-rose, changing to lilac-white. Develops a high crown; strong grower and very free bloomer. A splendid addition to the midseason sorts of which it is one of the best.
- Venus** 3-5 Eyes, Each \$0.60, Doz. \$6.00  
(8.3) Exquisite, pointed buds, opening into large, compact flowers of delicate shell-pink with a collar of flesh-white. Extra good both as a garden flower and as a cut flower. One of the best in our collection. Midseason.
- Walter Faxon** 3-5 Eyes, Each \$0.75, Doz. \$7.50  
(9.3) Semi-rose type; midseason. A very distinct, delicate rose colored flower. Tall, free bloomer. Those who know this variety consider it one of the best pinks. Scarce.
- Mixed Peonies** Three \$1.20, Doz. \$3.50, 100 \$25.00  
We must reduce our planting of standard varieties of Peonies in order to make room for the increasing stocks of the new kinds. The mixture offered is made up of about 50 standard varieties. All are A-1 grade and quality. This is a real bargain if you simply want flowers to cut. Strong, 3- to 5-eye divisions.





## Chinese Tree Peonies

The Tree Peony is really one of the finest plants available for the garden. It is quite hardy, and does well under the simplest treatment. It flourishes in the most astonishing manner, bearing blossoms from 6 to 8 inches across, which increase every year in beauty and size. They are a grand addition to the garden, as they do not die down to the ground like the herbaceous sorts, but make fine bushes 3 to 4 feet in height, covered every spring with elegant flowers. Pot plants may be sent and transplanted any time.

**Archiduc Ludovico** Pot Plants Each \$5.00, Doz. \$50.00  
Enormous wide flower, double, flesh-pink, turning soft lilac.

**Athlete** Pot Plants Each \$5.00, Doz. \$50.00  
Immense double flower of fine glazed mauve, shaded rose; vigorous and prolific grower.

**Banksi** Field Plants Each \$5.00  
Semi-double; pale lilac-rose. A very free flowering variety and easily grown.

**Chromatella** Pot Plants Each \$50.00  
This striking novelty is a sport from the beautiful variety "Souvenir de Maxine Cornu." Color a pure sulphur-yellow without any shade of salmon or buff. The flower is full double.

**La Lorraine** Pot Plants Each \$35.00  
A cross between P. Lutea and a variety of P. Moutan. Large well expanded full double flowers of good substance; the petals nearly imbricated, being of a soft sulphur-yellow with a salmon tinge when opening, becoming lighter and purer when fully expanded. (Awarded a work of art at the Paris Horticultural Exhibition in 1909, awarded first class silver medal at the Ghent Quiquennial Exhibition 1913, first class certificate from the Floral Committee of the Royal Horticultural Society, May 14, 1913.)

**Moutan** Field Plants Each \$4.00  
The wild Tree Peony of Thibet. Large purple flowers of tremendous size with golden center, borne in great profusion. It is one of the loveliest as well as one of the hardiest of Tree Peonies; look exceedingly well in the border or flower garden.

**Mme. de Votry** Pot Plants Each \$5.00, Doz. \$50.00  
Very large globular bloom; satiny-pink, shaded lilac; vigorous grower.

**Reine Elisabeth** Pot Plants Each \$5.00, Doz. \$50.00  
Flowers perfect in shape, vivid salmon-pink. A brilliant color; considered amongst the finest of all double Tree Peonies.

**Shell Pink** Field Plants Each \$5.00  
Semi-double Tree Peony. Of lovely shade of shell-pink. Fine 3-year-old specimens producing blooms 8 to 10 inches in diameter.

**Souvenir de Ducher** Pot Plants Each \$5.00, Doz. \$50.00  
Large globular bloom; bright reddish violet with silvery reflex.

**Souvenir de Maxine Cornu** Pot Plants Each \$20.00  
A vigorous variety, raised by L. Henry at the Paris Museum from P. Lutea hybridized with P. Moutan Ville de Saint-Denis. It forms a bush 3-4 feet high with abundant and healthy foliage, every stem carries 2 or 3 full flowers, 8 inches or more across, with crowned and wrinkled petals, of a deep yellow, heavily shaded orange, fragrant.

**Surprise** Pot Plants Each \$50.00  
A tall vigorous variety, flowers carried by strong stalks, very large and full; the color is a combination of straw yellow, pale salmon and rose-purple, of a very novel character. Fragrant.

**Mixed Tree Peonies** Field Plants Each \$3.50  
Including all sorts and types. No warranty as to color or type. This mixture is made up of many lovely varieties. It is difficult to avoid the loss of labels or names and anyone who would like some rare plants will find them in this mixture. We cannot select colors, roots are shipped without description or name.

## PARDANTHUS - Belamcanda; Blackberry Lily

An old-fashioned hardy perennial. A lily-like plant with orange and black spotted flowers on stems about 30 inches high, which are followed by large black seeds, resembling a blackberry.

**Culture.** Of easy culture in rich sandy loam in a sunny border. Plant in fall or spring, 6 inches apart.

**Chinensis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Flowers orange colored, spotted black on 24-inch stems. A lovely old-fashioned flower for the hardy border.

## PENTSTEMON - Beard Tongue

Very popular hardy flowering plants. Most attractive for massing in beds or borders. They are not only of graceful habit, but also decidedly beautiful from a decorative point of view. The many species are interesting subjects for growing in the rock garden or border. The flowers are tubular and foxglove-like in shape.

**Culture.** The Pentstemons require a rich, well manured, loamy soil, and a well drained, sunny place. The dwarf kinds should be grown on the margins of the border, or in the rock garden. Plant in autumn or early spring. Place the plants 10 inches apart each way.

**Barbatus Torreyi** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Spikes two feet long of bright scarlet flowers from June till August. A very effective plant for the border.

**Barbatus, Pink Beauty** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Color is a lovely clean shell-pink. A beautiful cut flower; one of the outstanding new and good plants; makes a delightful companion to Gypsophila.

**\*Digitalis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
White foxglove-like spikes produced in great quantities all summer. Plant is about 20 inches high, excellently suited for the garden as well as naturalizing in the grass. It self seeds very freely.

**\*Fruticosa** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Lilac-purple flowers with pink base about 1 foot high. A splendid rock or border variety.

**Heterophyllus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Lovely metallic-blue flowers from June until September, on 3-foot spikes. Excellent for the sunny border; good cut flower.

**Ovatus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A strong growing variety from the Rocky Mountains. Rich purplish blue flowers on stems over 3 feet tall. Good cut flower and excellent in the sunny border.

**\*Procerus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A very reliable and satisfactory garden sort. Flowers are rich blue-purple; early summer.

**Pubescens** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Hirsutus). Stems 24 inches high, covered with violet flowers shading to a flesh-pink; excellent for hot, dry place in the garden; is also a very fine wall or rock plant. It enjoys hot, dry exposures.

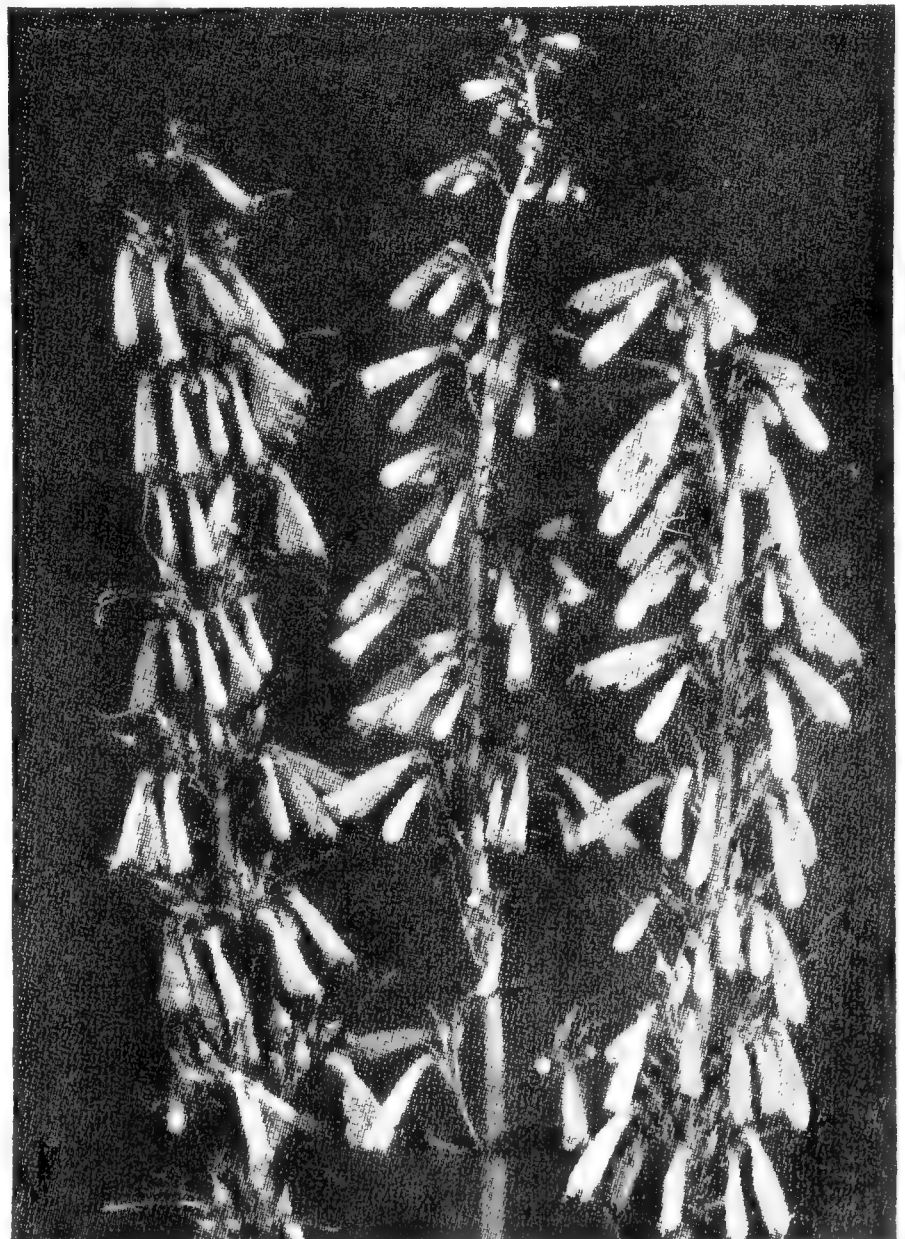
**Unilateralis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A very fine June-flowering variety producing 6 to 10 erect spikes, 24 to 30 inches long, covered from top to bottom with opalescent blue flowers. A beautiful border plant and splendid cut flower, lasting for several days in water.

## PEROVSKIA - Russian Sage

A tall plant with gray foliage not unlike the Sage. The blue flowers are arranged in slender spikes forming terminal panicles which are exceptionally fine combined with summer flowers such as Gladioli.

**Culture.** A well drained, loamy soil, not too rich, suits best. Plant in fall or early spring, 12 inches apart in sunny border.

**Atriplicifolia** Three \$1.60, Doz. \$4.50  
Produces whorls of blue flowers very late in the season. A lovely plant for the hardy border. Most graceful flower for cutting. In bloom in August.



Pentstemon, Pink Beauty

**PHYGELIUS - Cape Fig-wort**

A showy and very beautiful herbaceous perennial. It has angular, purplish stems, large, lance-shaped leaves, and tubular, scarlet pentstemon-like flowers borne in whorls on branching racemes. An attractive plant for the sunny border.

**Culture.** Ordinary soil and a sunny border will suit this plant. Best grown in groups or three or more. Not suitable for heavy, damp soils or cold districts. Plant in autumn or spring, 18 inches apart.

\***Capensis** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Cape Fuchsia). This is a hardy Fuchsia. It endures hot, dry weather well. The plants are perfectly hardy as far north as Philadelphia, but require protection further north where they will act much the same as Buddleia, producing new shoots each summer which bear purple flowers all summer until frost. A splendid plant for the South or hot, dry states.

**PHYSALIS - Winter-Cherry or Chinese Lanterns**

A perennial noteworthy for its large, showy calyces, which are attractive for drying for winter decoration.

**Culture.** They will succeed in good, ordinary soil and in sun or light shade. Best grown in a colony by themselves. Plant in autumn or spring, 12 inches apart. Gather the stems as soon as the calyces are fully colored.

**Francheti** Three \$0.75, Doz. \$2.50, 100 \$15.00  
An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which, when cut, will last all winter.

**PHYSOSTEGIA - False Dragonhead**

Handsome plants for the sunny border or the wild garden, of easy culture. The flowers are borne in terminal spikes or branching racemes from July to September.

**Culture.** Grow in good, ordinary soil in groups in sunny borders. Plant in autumn or spring, 12 inches apart, and divide, and replant every second year, as the roots are of spreading habit.

**Virginica** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers in July and August.

**Virginica alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pure white.

**Virginica, Vivid** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This is a new dwarf variety about 20 inches high, and a great improvement over the first two mentioned. It blooms three weeks later than the others, the flowers are a deeper pink; much larger and better, lasting a long time when cut.

**PINKS** (Hardy Garden, see Dianthus).

Physostegia, Vivid



Phlox Divaricata

**PHLOX DECUSSATA - Hardy Phlox**

These beautiful hardy border plants are the most effective and useful plants in the garden during the late summer and early fall. Their brilliant colors are loved by all. The great many varieties now offered are quite likely to be confusing, we have, therefore, discontinued growing any but the better and newest varieties noted for their clear colors, freedom of bloom, and strong habit.

**Culture.** To grow Phlox really well the soil should be well drained, deeply spaded, and enriched with rotted manure or bonemeal. Planting may be done in fall or spring in a sunny border. Set the plants 10 inches apart. Lift and divide every three or four years or they will become crowded, which results in poor, small flowers. Never let the plants go to seed, never water overhead, always keep blooms and foliage dry, letting hose run slowly on the ground, this method of watering prevents mildew.

**PHLOX COLUMBIA - Plant Patent No. 118**

A Wayside Gardens introduction of such outstanding beauty and virtues that the U. S. Government gave us a patent on this plant. The Wayside Gardens Co. are the only growers of this Phlox in this country but have arranged for its distribution through other responsible American firms.

**Africa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large florets. Good strong stem and not subject to mildew.

**Antonin Mercier** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A delicate lilac-blue; free-flowering variety of medium height and fairly free from red spider. During prolonged hot weather the color fades to a very pale lilac; in light shade, however, the coloring is constant.

**B. Comte** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Tall growing variety producing large heads of rich satiny amaranth flowers. Very brilliant. Looks well planted close to a yellow-flowered plant.

**Beacon** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Brilliant cherry-red. Grows 36 inches high. The flower heads are carried on straight, strong stems. An excellent variety and one of the best of this color.

**Caroline Vandenburg** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This Phlox is the most attractive of the lavender shades; it is a true lavender-blue without the magenta shades peculiar to this section. Large, individual flowers.

**Commander** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(Von Hindenberg). The color is a brilliant deep crimson-red with slightly darker eye. Grows about 24 to 30 inches high and produces a great many spikes creating a wonderful display of color.

**Count Zeppelin** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Graf Zeppelin). Pure white flowers with vermilion-red eye. A striking clean looking Phlox. There is no fading or suffusing of color. Considered the best of the so-called calico types. Very free-flowering.

**Daily Sketch** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This variety possesses compelling beauty. It is vigorous in growth and reaches a height of about 3 feet. The flower trusses are enormous and the individual florets are extra large. Color, salmon-pink with vivid crimson eye. A splendid and worth-while English novelty.

**Elizabeth Campbell** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Light salmon-pink with lighter shadings toward the center of flower.

**Enchantress** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Bright salmon-pink with dark eye, resembling Elizabeth Campbell in color, but of much stronger growth and rich green, glossy foliage.

**Ethel Pritchard** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A delightfully French-mauve colored Phlox, which, if seen on a cloudy day, looks almost as pale blue as our native Phlox Divaricata. It is a strong grower.

**Europa** Three \$1.00, Doz. \$3.00, 100 \$20.00  
White changing to a pale blush-white toward center with a red eye. This variety is similar to Count Zeppelin but has a light pinkish cast to it.





Phlox Subulata, Fairy

**Evelyn** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A new variety of excellent habit. Flower heads are full and large. Color is a rich salmon-rose; about 3 feet high.

**Fuerbrand** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Fireglow). Brilliant orange-scarlet. Sometimes almost vermilion. Flowers very freely and blooms are produced in quantity throughout the entire season. Of medium height.

**Jules Sandeau** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Rather dwarf in habit, but producing very large heads of brilliant watermelon-pink blossoms. An outstanding variety because it flowers more freely and longer than most Phlox, and is practically free from red spider.

**Leo Schlageter** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Seldom has one seen a shade of red such as is produced by this fine new Phlox. Its brilliant scarlet blooms seem to glow with fire. This impression is heightened by the fact that there seems to be a decided orange cast to the blooms. Of splendid habit, about 3 feet high with full rich heads of bloom; early. The best red Phlox in existence today.

**Mia Ruys** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Rather dwarf in habit, but produces enormous and much branched trusses of the purest white flowers possible. The habit is very free, with splendid dark green foliage. A great improvement and the best white Phlox in cultivation for midseason effects.

**Miss Lingard** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Has beautiful, long, shiny green foliage and is absolutely free from any disease. It flowers from early June until October with large heads of white flowers with faint pink shading in center. It is the best early White Phlox known.

**Miss Verboom** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This, in fact, is the rose-pink form of Miss Lingard. Habit and foliage are the same; flowers just as early in June. Splendid when planted next to Poppy Mrs. Perry and Hemerocallis Flava.

**Mrs. Jenkins** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Independence). Pure white, late flowering, grows very fast and is of medium height. A splendid sort for planting in masses.

**Mrs. Milly Van Hoboken** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very large florets combined in rather loose, large heads. Color bright pink with a slight and delicate mauve suffusion. Strong grower.

**Mrs. W. Van Beuningen** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Medium height but robust in growth, with healthy appearing foliage. Large, rich salmon-red flowers—a bright, effective self color without eye. Very free and persistent in flowering. Compact growth.

**Mrs. Scholten** Three \$1.00, Doz. \$3.00, 100 \$20.00  
New dark salmon-pink flowers in enormous pyramidal spikes. A splendid sort of great value. Midseason flowering and of medium height.

**Rheinlander** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A splendid old-time variety of good growing quality, and excellent habit. Flower heads are large and on good strong stems. The color is a beautiful salmon-pink.

**Rijnstroom** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A good strong grower producing an abundance of stems, each one topped with heavy trusses of flowers of a lively rose-pink, much like the color of the Paul Neyron rose.

**Saladin** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A most brilliant scarlet-red with blood-red eye, makes this one of the most outstanding varieties. It is a strong grower, blooms freely, has good foliage.

**Thor** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Color a beautiful shade of deep salmon-pink, overlaid with a scarlet glow; small aniline-red eye. A good grower, never giving trouble, always full of bloom.

**Von Lassburg** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A splendid midseason, tall, white variety. Trusses large and stems good, very free flowering. Rather tall, fine for the back of the border.

**Wider** Three \$1.00, Doz. \$3.00, 100 \$20.00  
The violet florets have a clear white eye which create a most unusual effect. Of medium height and good habit.

## PHLOX SUBULATA - Moss or Mountain Pinks

An early spring-flowering type with pretty, mosslike, evergreen foliage, which, during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

**Culture.** All Phlox Subulata should be grown in full sun. In shade they will die within a year. The soil should be dry and sandy and not too rich. Dig and replant every fourth year to prevent them from getting weedy. Plant in fall or early spring, 8 inches apart.

\***Alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pure white flowers completely covering the neat compact plant in May; a lovely thing for the rock garden.

\***Atropurpurea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
The same habit of growth as the well known Phlox Subulata Rosea. The flowers of this variety are a deep carmine-red making a most brilliant display.

\***Fairy** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Pale blue with dark purple eye; a beautiful little rock plant. Same habit as Vivid. Slow growing, neat in habit, with compact foliage, not spreading like Lilacina.

\***Lilacina** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A strong growing, creeping variety suitable for bold masses in the rockery; completely covered with pale blue flowers in May; the foliage is lovely in winter.

\***Rosea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Rose-pink. Fine for covering banks; thrives in hot, dry situations, and blooms profusely.

\***Vivid** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Bright pink with dark pink eye. We would say that this is the choicest and loveliest dwarf Phlox in existence.

## VARIOUS PHLOX SPECIES

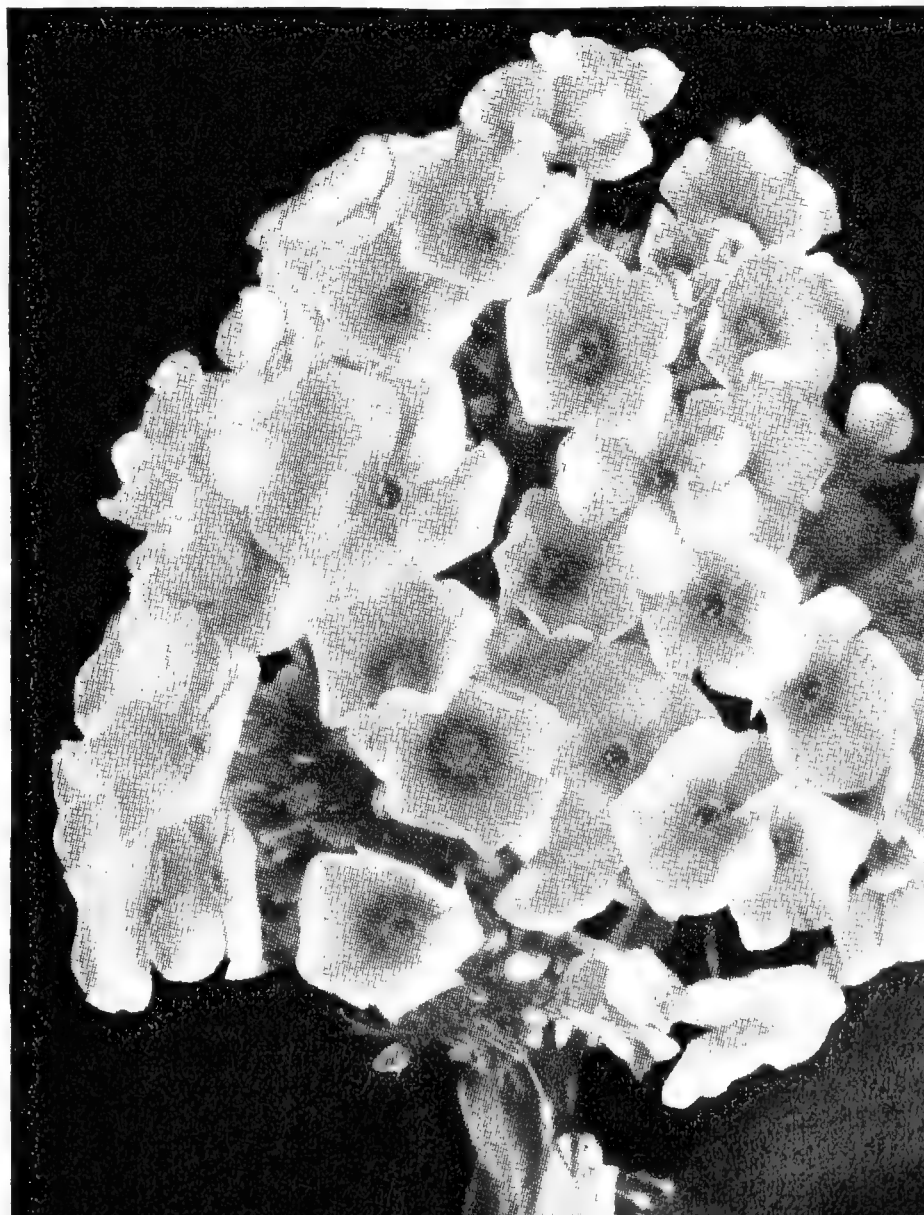
\***Amoena** Three \$0.85, Doz. \$2.75, 100 \$18.00  
This is one of the best varieties for carpeting the ground, the rockery or the border. It grows but 4 inches high, and in the spring is a sheet of rich bright pink flowers. Likes sun.

\***Arendsi Louise** Three \$1.60, Doz. \$4.50  
Phlox Arendsi are a result of crossing Phlox Divaricata and Phlox Paniculata. The most remarkable result is that they flower from early spring until late in the autumn. There are several varieties all more or less alike. Louise, offered here, is a bright lilac with lilac-carmine eye. About 20 inches high, suited for front of the border in light shade or sun.

\***Divaricata canadensis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant, lavender flowers on stems 10 inches high. In spring this plant is sold in pots to insure best results; in fall field-grown plants are best to use. Likes shade.

\***Ovata** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Carolina). Bright rosy red flowers in great quantities on 12-inch stems during June and July, good for the rockery in full sun.

Phlox, Daily Sketch





## PLATYCODON - Chinese Bellflower

Very satisfactory hardy plants for the sunny border. It has broad, blue or white, bell-shaped flowers all summer and is therefore a very fine garden plant.

**Culture.** Must be grown in a light, more or less sandy soil, in a well drained, sunny border. If the border is slightly elevated so much the better. Plant in early spring or fall, 8 inches apart. Disturb as little as possible.

**Grandiflora** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Large, showy, deep blue flowers on 20-inch spikes are produced all summer. A splendid plant for the hardy border.

**Grandiflora alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
White-flowered form of the above.

**\*Mariesi** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.

**\*Mariesi alba** Three \$1.00, Doz. \$3.00, 100 \$20.00  
White-flowered form of the above.

## PLUMBAGO - Leadwort

Should be really called *Ceratostigma plumbaginoides*, but so well known under the first mentioned name that we prefer to offer it that way. Lovely low-growing plants with leathery, small, heart-shaped leaves of bronzy green color. The flowers are a deep peacock-blue borne in small clusters just above the foliage.

**Culture.** They require a sandy loam which is well drained and not too rich. Do well in the rock garden in full sun or light shade. May be used also as an edging to beds or garden paths and is lovely when planted together with *Vinca minor* as a ground cover, using two-thirds *Vinca minor* and one-third *Plumbago*. Their brilliant blue flowers are most attractive in late summer and early fall. Plant in fall or spring, 6 to 8 inches apart; cover lightly during winter in exposed places.

**\*Larpetae** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of the most desirable border and rock plants. It is of dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer

## POLEMONIUM - Jacob's Ladder or Greek Valerian

Free flowering, hardy perennials. They have graceful pinnate leaves, and bear their flowers in loose heads. Showy plants for a sunny place in the border.

**Culture.** They require a light, well drained, ordinary soil and a sunny position. Best grown in group of six or more. Not adapted for damp or heavy soils. *Reptans* does well in a shady location under trees. Plant in autumn or early spring about a foot apart. Divide and replant every third year.

**Richardsoni album** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A white variety of *coeruleum*.

**Richardsoni coeruleum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Erect stems of sky-blue flowers. 1 to 1½ feet in June and July. A very fine plant in the sunny border.

**\*Reptans** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Dwarf, bushy plant of graceful growth. Showy blue flowers, 6 inches high in early spring. Should be used in the rock garden and border, in shady places; foliage very good all summer.

## POLYGONATUM - Solomon's Seal

Popular and easily grown herbaceous plants, producing arching stems furnished with narrow leaves on each side, and from the axils of which drooping flowers are produced. Excellent plants for shady borders.

**Culture.** They will thrive in any ordinary good soil containing plenty of humus or vegetable matter. May be grown under the shade of deciduous trees, in the shady border, or naturalized in woodland gardens. Plant in autumn or early spring, 6 inches apart.

**Multiflorum major** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Pendent sprays of white flowers borne on long, 2-foot stems in May, followed in autumn with black or purple berries. A grand plant for a shady position, where it has plenty of room to show its pendulous sprays of bells.

## POLYANTHUS - Bunch Primrose

The *Polyanthus* was obtained by crossing the Cowslip (*Primula veris*), and the Primrose (*Primula vulgaris*). It has the large flowers of the Primrose and the flower umbel of the Cowslip. There are several mixtures of the *Polyanthus* offered. The best strain, however, is the Giant Munstead.

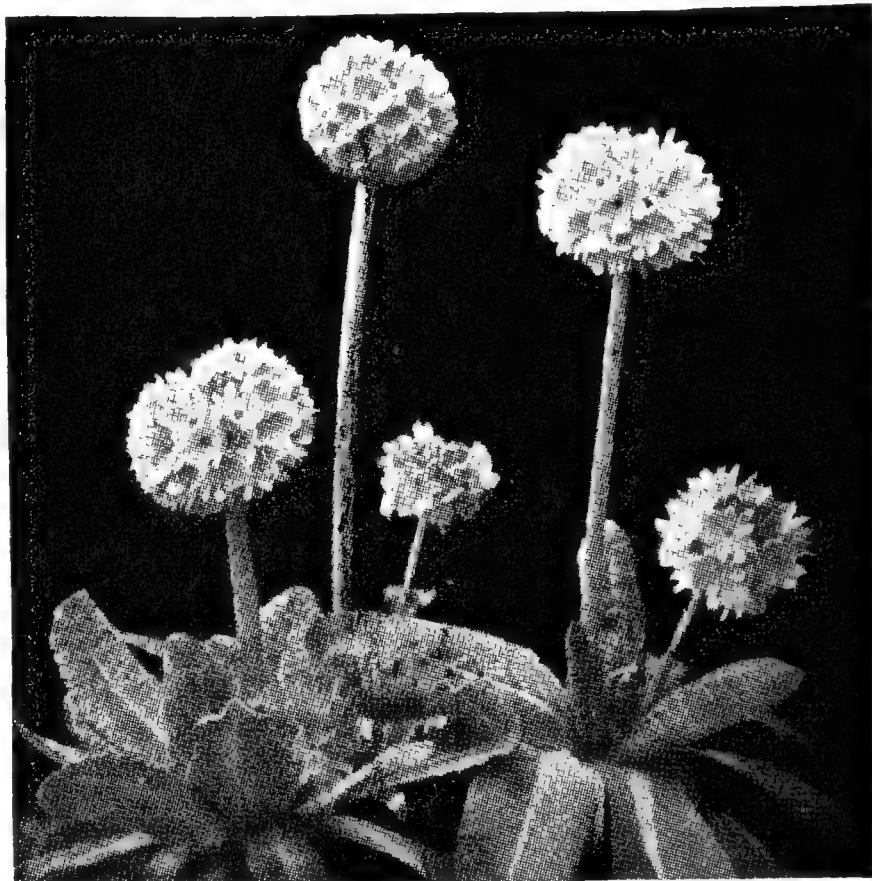
**Culture.** They like a moist, shady position, and a rich, liberally manured soil. Plants of the Munstead strains are easily grown in a shady border or rock garden. Plant them 6 inches apart in rich soil in a shady place. After flowering, the plants can be divided, planting may also be done in fall or very early spring.

**\*Munstead, Exhibition Yellow** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A beautiful strain of large-flowered, yellow shaded, bunch Primroses; most desired by those who love the Primrose.

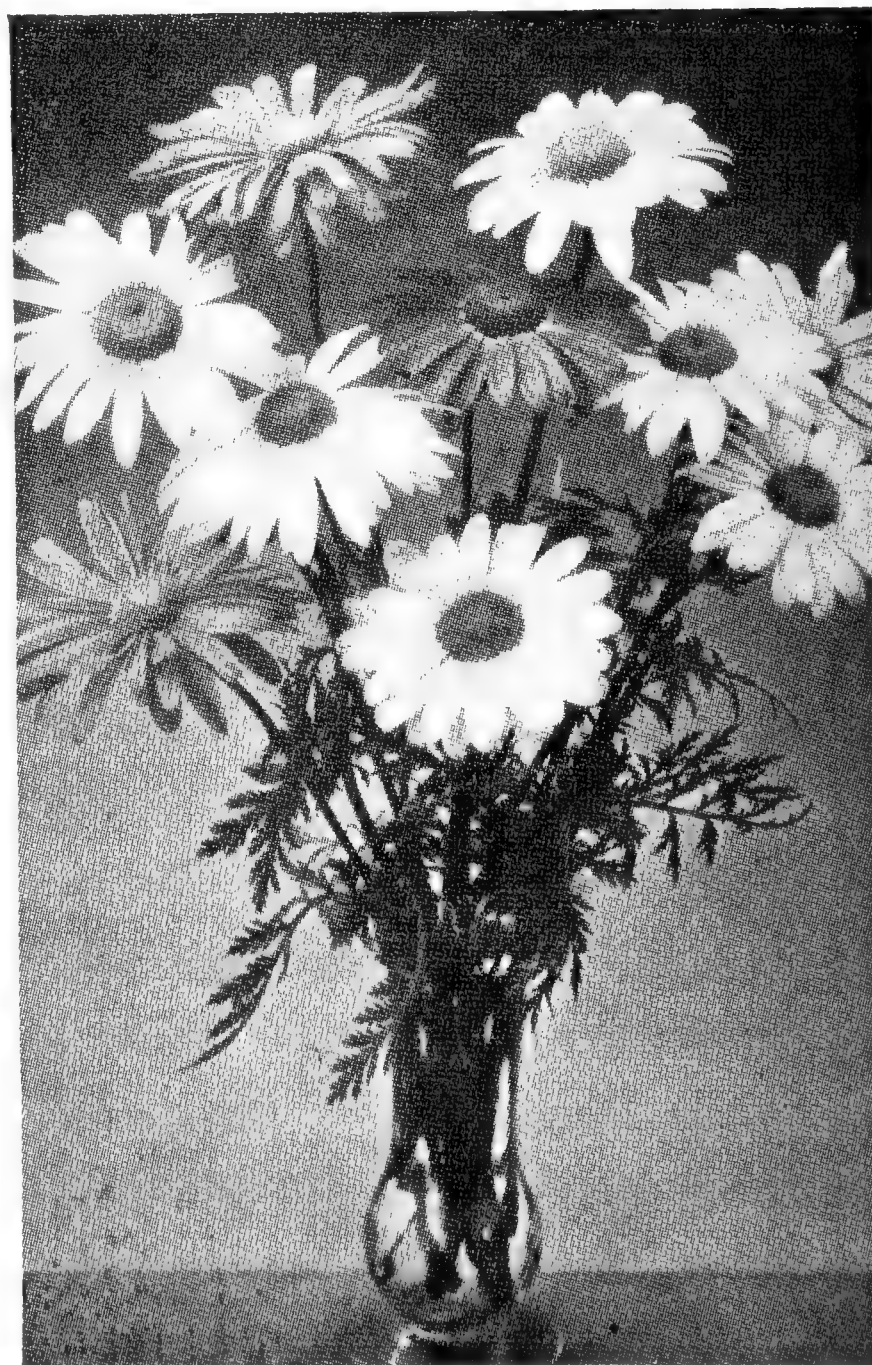
**\*Munstead, Exhibition Cream** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Very fine, large-flowered, cream-white shaded bunches of bloom, with striking yellow eye.

**\*Munstead's Red Giant** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Rich mahogany-red flowers, often gold laced, in great masses. Lovely, as edging to beds or garden paths in shade or contrast color with the yellow Primroses.

**\*Munstead Strain Mixed** Three \$1.40, Doz. \$4.00, 100 \$30.00  
In all shades of yellow, cream, dark orange, some pink and dark rose.



Primula Cashmeriana

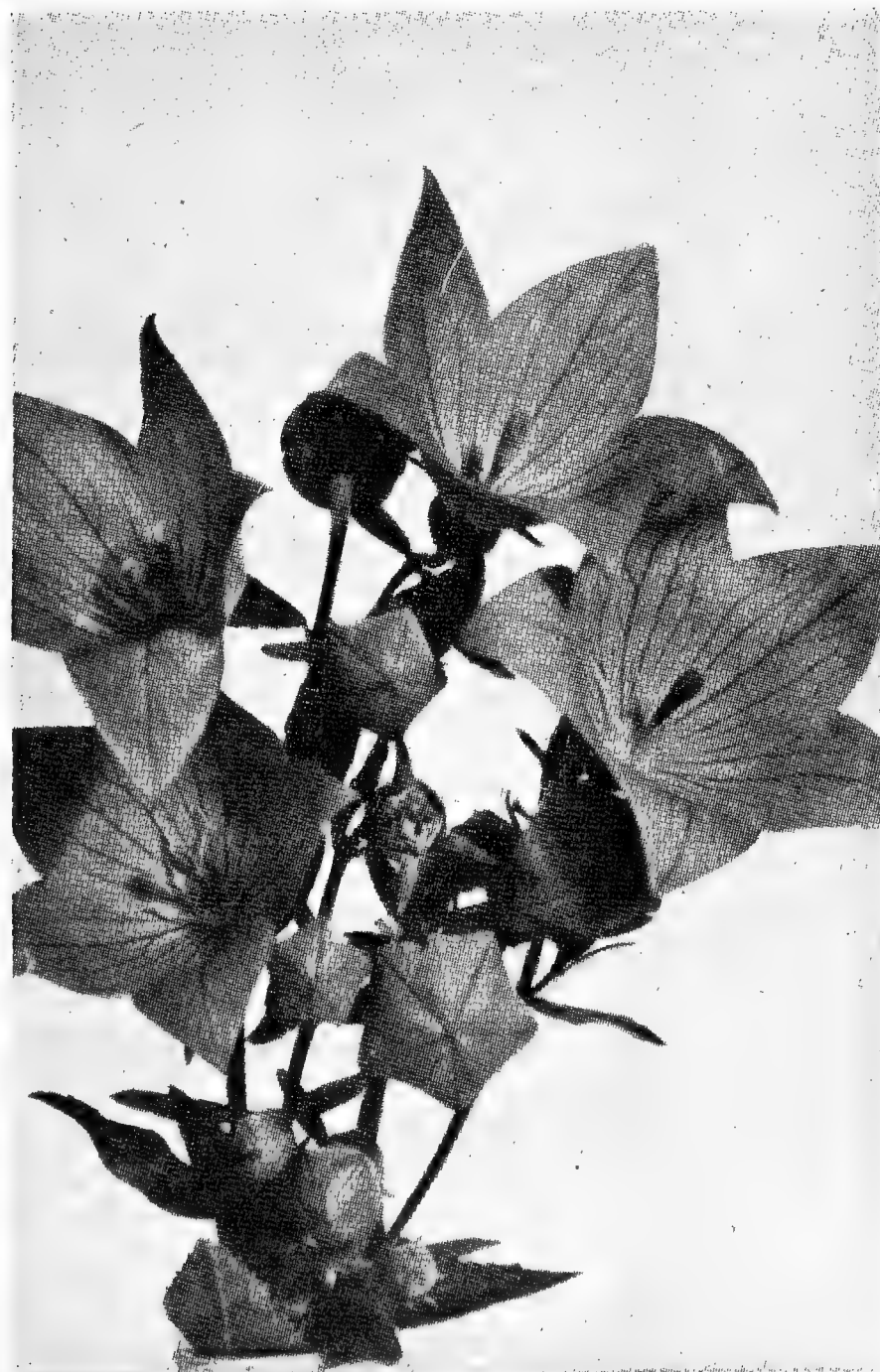


Pyrethrum Mixed





Primula Auricula



Platycodon Mariensis

## PRIMULA

This genus contains many species of interesting hardy plants suitable for the rockery, the waterside and the border. No garden or rock garden is complete without a liberal planting of all sorts offered.

**Culture.** *Cashmeriana*, *cortusoides*, *denticulata*, *sikkimensis* and *Moerheim Hybrids* will succeed in good, loamy soil freely mixed with leaf mold. *Beesiana*, *japonica*, *veris* and *pulverulenta* require a damp, rich loam freely mixed with leaf mold and peat. All require light shade. The latter would be suitable kinds to grow in a bog garden or on the edge of ponds. *Japonica* and *sikkimensis* also do well planted along the sides of damp, shady ditches. Most gardens contain a damp, shady spot, and this would be an ideal place for growing hardy Primulas. Plant in early spring or early fall, 4 to 6 inches apart.

- Acaulis caerulea*** Each 50c, Doz. \$5.00  
A most novel variety with deep purple-blue flowers of large size. Early.
- \**Auricula alpina*, Giant Hybrids.** Three \$1.20, Doz. \$3.50, 100 \$25.00  
One of the treasures of the rock garden. The growth is very attractive, forming rosettes of thick leaves, sometimes farinose or mealy. The flower stalks rise to a height of 6 or 8 inches, bearing heads of bloom of various colors; exceedingly fragrant.
- \**Bulleyana*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A splendid variety for a boggy place, growing about 18 inches high. The strong, stiff stems have about 4 to 8 tiers of rich apricot flowers in June. A very valuable sort.
- \**Cashmeriana*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Large, globular heads of a pleasing purplish blue shade; prefers a moist, shaded or sunny situation.
- \**Cashmeriana alba*** Three \$1.75, Doz. \$5.00, 100 \$40.00  
A white-flowered form of the above. Very rare but as easily grown as the purple variety.
- \**Cortusoides*** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A distinct Siberian species, with soft, wrinkled heart-shaped leaves. Flowers in early summer, deep rose; prefers light, rich, well drained soil in a sunny position, in border or rockery; 10 inches high.
- Florindae*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
The new Giant *P. sikkimensis*. Beautiful umbels of large yellow flowers on 4-inch stems. Its handsome foliage makes it an outstanding plant. Does best in a bog or close to the water.
- \**Japonica*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A lovely Primrose, producing long spikes of bloom from crimson to rose to almost white. The flowers are in whorls. A mass of these in the bog garden or near the pool or stream is a sight to be remembered.
- \**Moerheim Hybrids*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A new strain of Hardy Primulas with the constitution of *P. japonica*, resulting from crossing of several. The lovely pastel colors range from cream to many shades of yellow, orange, purple, lilac, pink and crimson. They are very hardy and prefer a half-shaded position that is fairly moist; very unusual.
- \**Pulverulenta*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Rich crimson flowers in whorls, on stems 3 feet high. One of the finest varieties.
- \**Vulgaris*** Three \$1.40, Doz. \$4.00, 100 \$30.00  
The true old English Primrose with pale yellow flowers. Do not confuse with the common *veris*.
- \**Veris Hybrids*** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds of vigorous growth.

## POTENTILLA - Cinquefoil

Perennials for culture in sunny borders, and are most useful for cutting. They have strawberry-like leaves and showy, single or double flowers of varying rich shades of color.

**Culture.** They should be grown in light, ordinary or sandy soil and on the margins of sunny borders. Heavy, damp soils are not suitable. Plant in autumn or spring, 12 inches apart. They must have a full sunny position. When the plants get overcrowded, divide and replant in spring.

- Matsumurae*** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A lovely dwarf for the rock garden, growing not over 5 inches high. Richly covered with yellow flowers. The foliage, like that of all *Potentillas*, is most attractive.
- \**Nepalensis*, Miss Willmott** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This is the improved salmon-pink "Formosa." Very free flowering. A good border plant for midsummer bloom.
- Nepalensis*, Leander** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A low growing plant with handsome strawberry-like evergreen foliage. Flowers are good size and a burned orange-red on slender much branched stems. Fine for border or rock garden.
- Pyrenaica*** Three \$1.20, Doz. \$3.50, 100 \$25.00  
An attractive species from the Pyrenees mountains. Handsome foliage. Golden yellow flowers.
- Thurberi*** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A dwarf variety rarely over 9 inches high, with most attractive reddish-brown flowers from June to September.
- Warrensi*** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A lovely new plant for the sunny hardy border, offered for the first time. Reaches a height of about two feet and is covered with large, pure yellow blossoms all summer long. Suitable for cutting.
- \**Mixed Colors of Double Varieties*** Three \$1.00, Doz. \$3.00, 100 \$20.00  
This mixture contains various shades of orange and coppery red; they are especially suited for in front of sunny borders or for bold masses in the rock wall or rock garden.

**PRUNELLA - Self-heal; Heal-all**

A dwarf-growing perennial with salvia-like flowers. The growth is evergreen and neat in character, and the flowers are borne in dense spikes. Suitable plants for edging or carpeting bare surfaces in shady, moist borders or in woodland gardens.

**Culture.** Ordinary soil in a moist shady position, as above described. Plant in autumn or early spring, 6 inches apart.

- \***Grandiflora** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Violet or purple flowers all summer. Fine for the rockery or slightly shaded parts of the hardy border. Succeeds in any soil not excessively dry.

**PULMONARIA - Lungwort**

A perennial noteworthy for hardiness of growth, freedom in flowering, and for its adaptability for growing in shady borders or rock gardens. The plants have rough foliage sometimes speckled with white, and blue or reddish flowers borne in racemes.

**Culture.** Grow in ordinary soil in groups in the shady, mixed border, in masses under the shade of deciduous trees, or in the rock garden. Plant 10 inches apart in autumn or early spring.

- \***Saccharata maculata** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A lovely early spring flower not unlike *Mertensia*, with pink flowers and when through blooming the plant has beautiful silvery spotted foliage. 12 to 14 inches high.

**PYRETHRUM - Colored Marguerite or Painted Daisy**

They produce showy flowers of all shades of color, except blue and yellow, freely on long stems throughout spring, which are of inestimable value for cutting. They grow in neat, compact tufts, and have elegant, finely cut foliage, which adds to the attractiveness of the plants.

**Culture.** The Pyrethrums require generous treatment. Plenty of well-rotted manure should be freely mixed with the soil before planting. The position, too, must be a sunny one. The best time to plant is in spring; early fall planting is also very successful. Grow them in groups of not less than three plants, planted a foot to 15 inches apart. In dry weather give copious supplies of water. As soon as the first flowers have faded, cut the flowering stems back to their base. Every third year divide and replant in early spring.

- Buckey** Three \$1.60, Doz. \$4.50  
Double red and when well established, a marvelous plant completely covered with blooms.
- Miami Queen** Three \$1.60, Doz. \$4.50  
Semi-double pink flowers of a lighter shade than Trojan, equally good for cutting or the hardy border.
- Trojan** Three \$1.60, Doz. \$4.50  
A very lovely, free flowering semi-double dark pink variety. Tall stems and a good cut flower.
- Finest Mixed English Varieties** Three \$0.85, Doz. \$2.75, 100 \$18.00  
This mixture contains double- and single-flowered sorts in many shades of pink, rose and white. Strong, 2-year clumps that will give immediate results.

**RANUNCULUS - Buttercups**

Herbaceous plants of easy culture and with attractive flowers.

**Culture.** All require a moist, loamy soil. Grow in partial shade or full sun, in colonies, planting a foot apart in autumn or early spring. Do not permit plants to spread beyond their allotted space.

- Acris flore pleno** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A double yellow, upright growing Buttercup-like plant. Good for border in wet places; good cut flower.
- \***Repens fl. pl.** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A pretty, double-flowering bright golden yellow Buttercup of creeping habit; flowers in May and June.

Saxifraga Decipiens

**RUDBECKIA - Coneflower**

Hardy, free-flowering and easily grown perennials, somewhat akin to the Sunflowers in habit. Excellent and showy plants for sunny or partially shaded borders, and for yielding flowers for cutting.

**Culture.** Ordinary soil in sun, or shade. Can be grown singly or in groups. Plant in autumn or spring, 12 to 15 inches apart. Divide and replant every third year.

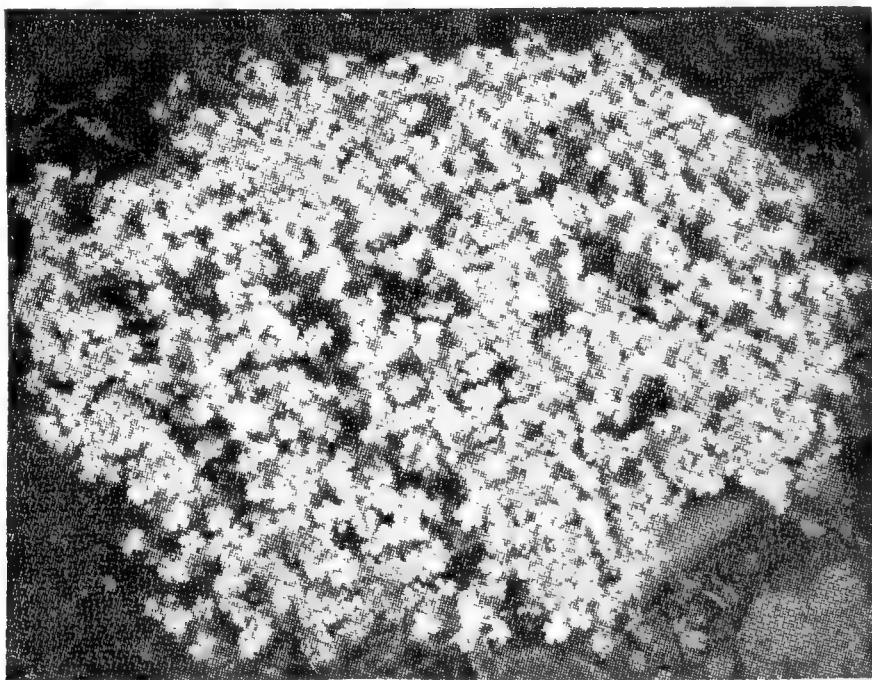
- Golden Glow** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A popular hardy plant, grows six feet high, producing masses of large, double, golden yellow flowers shaped like a Dahlia, in late summer.
- Maxima** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A rare and attractive variety, growing 5 feet high, with large, glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September.
- Newmanni** Three \$0.85, Doz. \$2.75, 100 \$18.00  
The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers with a dark purple cone; long, wiry stems 3 feet high; blooms all summer.
- Purpurea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Giant Purple Coneflower). Most attractive purple flowers, with a very large, brown, cone-shaped center. Blooms from July to October. 3 feet high; a splendid plant for the border.

**SALVIA - Meadow Sage or Clary**

Showy, hardy plants of medium growth and of easy cultivation in sunny borders. The flowers are borne in spikes, racemes or panicles, and are very attractive during the summer and autumn months.

**Culture.** Those listed will thrive in good, ordinary soil in sunny positions, and are best grown in masses in the larger borders. Plant in autumn or early spring, 10 inches apart; divide and replant every third year.

- Azurea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A Rocky Mountain species. Grows 3 to 4 feet high; producing, during August and September, pretty sky-blue flowers in the greatest profusion.
- Farinacea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Beautiful pale blue flowers all summer on neat plants about 2 feet high; splendid for the border.
- Pitcheri** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Similar to *Azurea*, but of more branching habit; large flowers of a rich gentian blue color, and one of the most admired plants by the many visitors to our nurseries during the early autumn. 3 to 4 feet.
- Pratensis** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Lilac-blue flowers from June to September; grows about 2 feet high. Good border plant.
- Turkestanica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Extremely decorative sweet scented, silvery foliage and showy whorls of white flowers surrounded by pale pink, all summer.



Saponaria Ocymoides

**SANGUINARIA - Blood-root**

There is only one species in the genus, and that is *Canadensis*, a dwarf perennial with handsome leaves and white flowers borne in April and May.

**Culture.** Requires to be grown in moist, rich or peaty soil, in partial shade under deciduous trees, or other shady spots. Plant in autumn or spring, 3 inches apart.

- \***Canadensis** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Bloodroot). Native. A low perennial, about 6 inches high, with pure white flowers an inch in diameter, in early spring. The large, leathery leaves appear later. Plant in shady places in the rock garden or open woods.



## WAYSIDE GARDENS

### SANTOLINA - Lavender Cotton; Ground Cypress

Shrubby perennials with aromatic foliage and small, yellow flowers borne in roundish heads, suitable for sunny, dry borders.

**Culture.** Ordinary, light soil in sunny, well drained borders. Best grown in masses. Plant in autumn or spring, 6 inches apart.

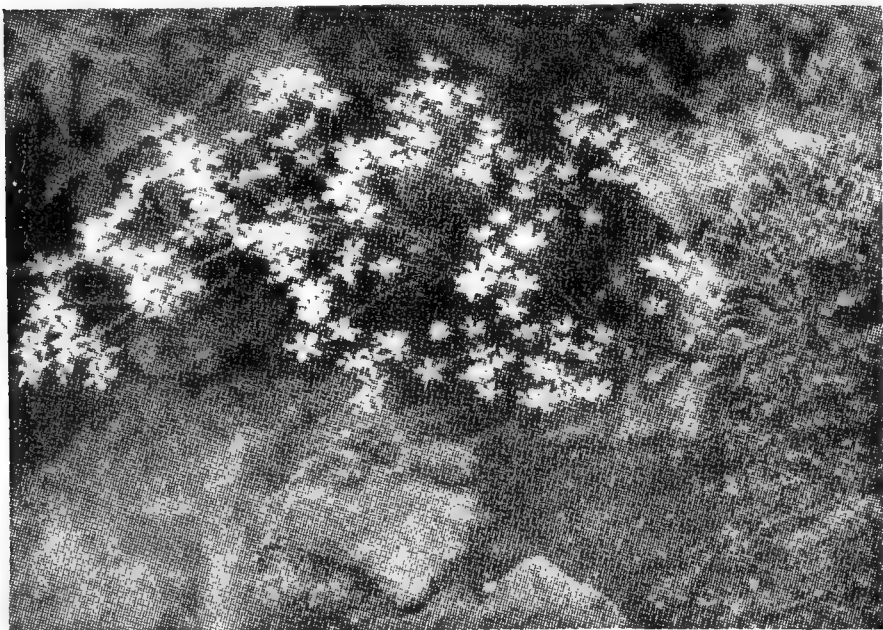
- \***Chamaecyparissus** Three \$1.00, Doz. \$3.00, 100 \$20.00 (Incana). A sweet-smelling, dwarf, evergreen perennial, with delicate, silver-white foliage, useful as rock or border plants; also largely used for edgings to flower beds or walks. 1 foot.

### SAPONARIA - Soapwort

Free flowering and easily grown rock plants, suitable for sunny borders or rock gardens, more or less tufted and compact in growth, and produce a profusion of blooms throughout the spring.

**Culture.** *Ocymoides* and its varieties will succeed in good, ordinary soil or sandy loam on the margins of sunny borders or in the rock garden. Plant in autumn or spring, 6 inches apart.

- \***Ocymoides splendens** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pretty prostrate border and rockery plant; flowers rosy pink, produced in great quantities just above the foliage in late May and early June.
- \***Ocymoides alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A pure white form of the above.



Saxifraga McNabiana

### SAXIFRAGA - Rock-foil; Megasea

A large genus of rock plants, only a few of which are suitable for culture in this country. The majority require to be grown on rockeries. The sorts suitable to grow as edgings to, or in masses on, the margins of borders are what are known as the Giant-leaved Saxifragas or Megaseas, with large, leathery leaves, which are also admirably suited for shady borders in city gardens.

**Culture.** The mossy Saxifragas are best suited for shady borders or rock gardens, will do well in good, ordinary soil. Plant in March or early fall. The Megasea or large-leaved kinds will thrive in ordinary, good, rich soil in well drained borders, by the waterside, or in the rockery. May be grown in sun or shade. Should be watered freely in dry summer. McNabiana is best grown in stony soil in the rockery in full sun. Plant early fall or spring, 8 inches apart.

- \***Caespitosa** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A robust grower about 2 to 6 inches high with dense foliage. Small white flowers from June to August. Loves a rich, well drained but moist soil and very light shade.
- \***Decipiens** Three \$1.20, Doz. \$3.50, 100 \$25.00  
(Crimson Moss). Dwarf mossy plants bearing white flowers in May and June. The green foliage turns a bronzy crimson in winter. 4 inches high. Splendid rock plant; prefers light shade.
- \***McNabiana** Three \$1.20, Doz. \$3.50, 100 \$25.00  
This plant is a splendid sort for wall garden or in crevices in the rock garden. Foliage is gray-green in form of a rosette and quite stiff, from the center comes a flower spike about 12 inches long covered with small, white blossoms speckled with pink.
- \***Megasea cordifolia** Three \$1.20, Doz. \$3.50, 100 \$25.00  
These will thrive in ordinary soil in any position. Grow about one foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful; flowers appear very early in the spring. Fine among rocks or ledges.
- \***Megasea crassifolia** Three \$1.20, Doz. \$3.50, 100 \$25.00  
12 to 15 inches. April to June. Showy and spreading. Drooping masses of pink flowers high above the large clustered leaves. A fine rock plant.
- \***Megasea Hybrids** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Handsome plants in fine mixture of all shades of rose or pink. Excellent foliage. Good for the rock garden or border. Does well in shade or sun.



Spirea Aruncus

### SCABIOSA - Scabious or Pincushion Flower

Charming perennials for border culture and for cut flowers. The *Scabiosa caucasica* are particularly valuable for the latter purpose, as its large, showy, blue or white flowers are borne on long stems. The species are of easy culture, and desirable to grow in sunny borders.

**Culture.** All will thrive in well drained, good, ordinary soil, which is not heavy or damp. Cold and damp is fatal to these plants. An ideal soil for them is a sandy loam. Plant in early autumn or early spring. The plants are best in groups of three or more. Plant about 8 inches apart. A full sunny position is essential.

- Caucasica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Blue Bonnet). Their lovely flowers are a soft and charming shade of lavender; commences to bloom in June, throwing stems 18 to 24 inches high until September.
- Caucasica alba** Three \$1.10, Doz. \$3.25, 100 \$22.50  
(White Bonnet). The white form of the preceding.
- Japonica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Lavender-blue flowers from July to September. 2 feet. This is a biennial variety, but very valuable for its great quantity of blue flowers produced throughout the summer.
- Pennsylvanica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Cephalaria tatarica). Large golden yellow flowers, similar to the true *Scabiosa* in form, but 5 feet tall; excellent plant for back in the border or in front of shrubs

### SCUTELLARIA - Skull Cap

There are many species scattered throughout the world. *Baicalensis* is the only one considered; it is a shrub-like plant with lovely blue flowers suitable for the sunny border or rock garden.

**Culture.** Well drained, rich, sandy soil is best. Plant in full sun in border or rock garden in fall or spring, 10 inches apart.

- \***Baicalensis coelestina** Three \$1.10, Doz. \$3.25, 100 \$22.50  
Short, wiry stems, one foot high, clothed with clear blue Snapdragon-shaped flowers during July and August; a very good plant for the rockery or in front of the border.

### SENECIO - Ragwort; Groundsel

Only a few species of this genus are worthy of cultivation. They are of vigorous growth, and suitable for the wild garden and the waterside only.

**Culture.** Those named will thrive in ordinary soil, in partial shade, in open woods or under trees. The plants should be grown in small colonies. Plant in autumn or early spring, 12 inches apart.

- Clivorum** Three \$1.10, Doz. \$3.25, 100 \$22.50  
Forms a neat tuft of foliage, from which spring up from July to October a succession of 3-foot stems, with clusters of orange-yellow flowers. One of the few plants that flower profusely in shade

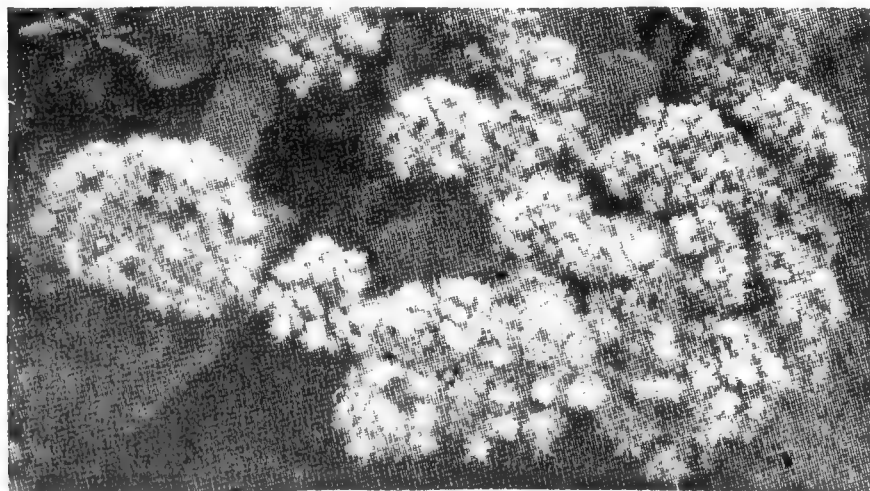


## SEDUM - Stonecrop

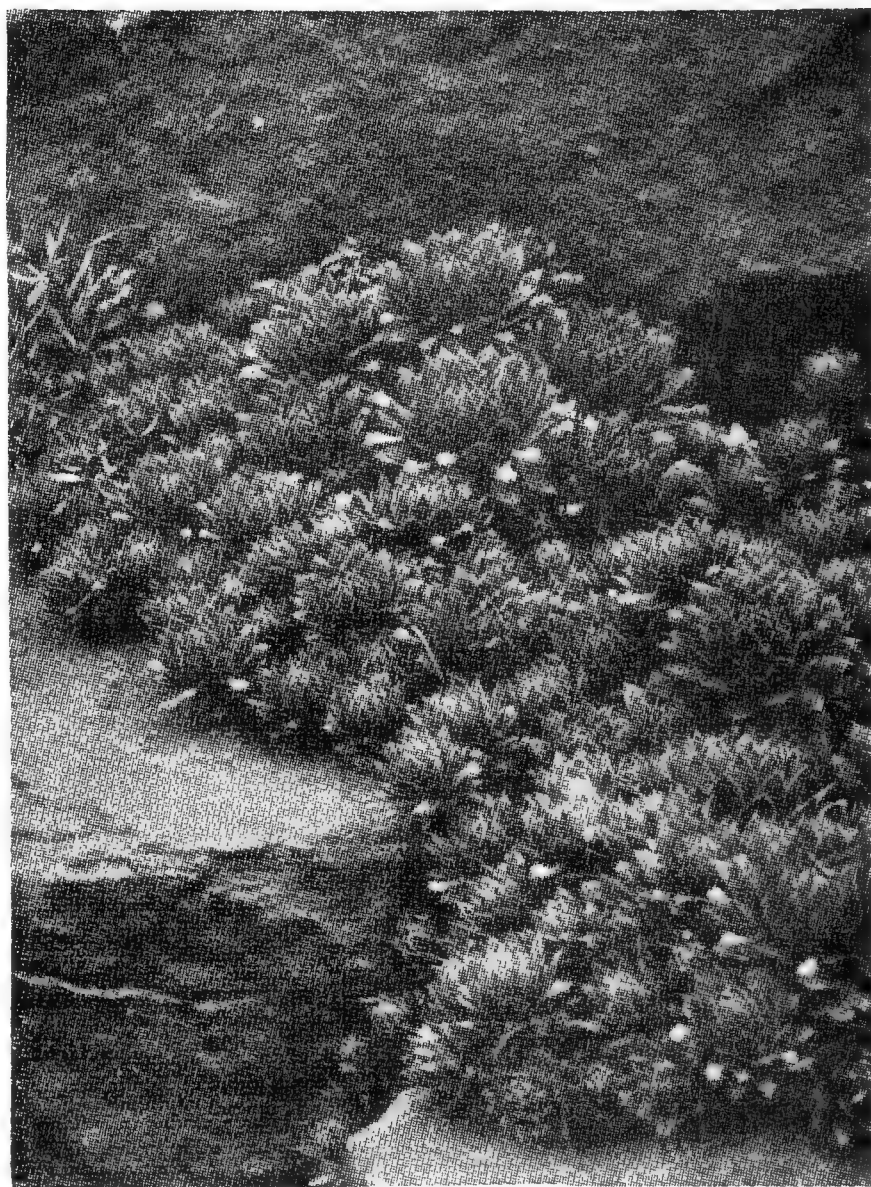
A genus of plants which vary in habit from dwarf, creeping plants to those of larger growth, as *Spectabile*, which grows about 2 feet high. Some are evergreen and others of deciduous growth. The dwarf kinds do well as edgings to borders or in rock gardens. Others are suitable for grouping in the border. They are the easiest of plants to grow.

**Culture.** Ordinary soil and dry, sunny borders or dry sunny places in the rock garden will suit all. *Spectabile*, indeed, will also thrive in shade. For edging purposes simply plant a few inches apart, and in due course they will develop into a continuous mass of foliage. They will grow where little else will thrive. Plant in autumn or spring, 4 to 8 inches apart.

- \***Acre** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Golden Moss). Much used for covering graves; foliage green; flowers bright yellow; prostrate and slowly spreading.
- \***Anglicum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A tiny moss-like carpeting plant. Native of England. The whole plant disappears under a constellation of soft pink starlike flowers. Early summer.
- \***Aizoon** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Bright yellow flowers 1 foot. July and August.
- \***Album** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Dwarf and spreading; thick, waxy round foliage, white flowers; good rock plant.
- \***Eversi** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A very nice variety of sub-trailing habit. Foliage is glaucous gray. In garden is at a premium. Good strong grower but not rampant.
- \***Glaucum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Excellent dwarf variety for rockeries; prostrate and of slow growth; lovely blue-green foliage.
- \***Kamtschaticum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Orange-yellow flowers, with prostrate, green foliage, turning golden in autumn.
- \***Kamtschaticum Variegated** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of the best, because of its handsome dull golden variegated foliage which blends marvelously with the orange-yellow flowers, which are profusely produced in midsummer at a time when color in the rock garden is at a premium. Good strong grower but not rampant.
- \***Lydium** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Very fine rock plant, blue-green foliage, and of prostrate habit.
- \***Rupestre** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Pretty glaucous, bluish green leaves of trailing habit with golden yellow flowers; 3 inches high.
- \***Sarmentosum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Excellent dwarf variety for rockeries or border edgings. The best Sedum for filling seams between rocks in wall garden; rapid grower.
- \***Sexangulare** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very dark green foliage; yellow flowers; habit much like *Acre*.
- \***Sieboldi** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Round, succulent, glaucous foliage; bright pink flowers in September. The loveliest of all the Sedums.
- \***Spurium coccineum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A beautiful rosy crimson-flowered form; July and August. 6 inches. Very fast spreading variety; good for covering sandy banks.
- \***Spectabile** Three \$1.00, Doz. \$3.00, 100 \$20.00  
One of the prettiest erect-growing species, attaining a height of 18 inches, with broad, light green foliage and immense heads of handsome, showy, rose colored flowers; indispensable as a late fall-blooming plant.
- \***Spectabile "Brilliant"** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A richly colored form of the preceding, being a bright amaranth-red.
- \***Spathulatum purpureum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Reddish leaves with gray in center of the rosette. Dark yellow flowers, contrasting beautifully with the foliage.
- \***Stoloniferum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Most desirable; evergreen leaves; flowers purplish pink. July and August. Excellent for rock garden. 6 inches.
- \***Ternatum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
The most satisfactory variety for planting in the shade; for ground carpeting under trees or anywhere it is difficult to make plants grow. Spreads rapidly and does well on all sorts of soil.



Sedum Sieboldi



Sempervivum

## SEMPERVIVUM - House Leek

Most attractive, hardy, succulent plants for the rock garden and rock wall. Their rosette-like, thick leaves are fleshy and pointed. The small clumps slowly spread, filling pockets and crevices between the rocks.

**Culture.** All require a rich, sandy and perfectly drained soil in full sun. Planting may be done in fall or spring, 3 to 4 inches apart. It takes a few months for them to get well established. Do not disturb when once planted. The old rosettes disappear after flowering but their place is taken by numerous young plants so that they are never missed. The flowers are all in small panicles on short, fleshy stems; all flower in June and July.

- \***Arachnoideum fimbriatum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A fine cobweb rosette about one inch long at the end of which appear the young plants giving a lovely star-like effect.
- \***Arachnoideum Laggeri** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Similar in growth to *Minus* except that the rosettes are twice as large and produced in greater abundance. A fine cobweb variety.
- \***Atrorivulaceum** Each 50c, Doz. \$5.00  
The largest of the entire collection. Forms a beautiful rosette, almost 4 inches in diameter when fully grown, of deep reddish purple leaves. Should be in every rockery. 8 inches.
- \***Brauni** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A very attractive rosette-like plant. Color of leaves is bronze, almost a dull red at tip of leaves. At the base a dull green. 6 inches.
- \***Doellianum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Small, hairy rosettes of pale green leaves, tinted red at the tips. The panicles of bright red flowers are 4 to 6 inches high. Effective when grown in large masses.
- \***Fauconette** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Very similar to *Brauni*. The general makeup of the plant, however, is a little finer and more delicate. 6 inches.
- \***Funcki** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Green tipped brownish rosettes produced rapidly in great numbers. A very fine sort to use where a brownish color is desired. 6 inches.
- \***Globiferum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Flattened rosettes, 2 to 3 inches in diameter, of gray-green leaves, lightly tipped brown. Pale yellow flowers, three-fourths to one inch in diameter, in densely hairy panicles. 1 foot high.
- \***Tectorum** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Broad rosettes, the leaves having reddish brown tips; flowers pale red. 1 foot. This is the common House Leek of our grandmother's garden. All *Sempervivum* are offered in good size clumps consisting of many big and little plants.





Silene Schafta

## SHORTIA

Lovely dwarf plants with round leaves topped in spring with small, white, cuplike flowers. Suitable for open woods or shady rock garden. **Culture.** These plants require a light fibrous soil which is at least fifty per cent leaf mold. Should be grown in half shade in the rock garden or open woods. Plant in fall or early spring, 3 to 4 inches apart.

- \***Galacifolia** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A rare and beautiful species, from the mountains of North Carolina. The leaves are evergreen and the petals, five in number, are pure white, and scalloped or notched on the edges. Flowers about an inch across in early summer. Plant in a shady place.

## SILPHIUM - Compass Plant or Cup Plant

Vigorous growing perennials with big leaves and yellow flowers in large panicles.

**Culture.** All do well in any kind of soil and are fine for waterside or wild garden planting. Good subjects for the back of the border. Plant fall or spring, 18 inches apart.

- \***Perfoliatum** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A very decorative hardy plant, growing about 6 feet high with large panicles of yellow flowers. The leaves are united at the base, forming a cup. Hence its name—Cup Plant. Fine near waterside in wild garden.

## SIDALCEA - Greek-Mallow

Graceful, hardy perennials with small, Hollyhock-like flowers borne on slender spikes. Suitable for sunny borders.

**Culture.** Grow in good, ordinary soil in sunny borders. Plant in autumn or early spring, 8 inches apart.

- Rosy Gem** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Erect growing, more or less branching plants, 2 to 3 feet in height, producing their showy bright rose colored flowers during June and July. They will succeed in any garden soil in a sunny position.

## SILENE - Catchfly or Campion

These perennials are of dwarf habit, and chiefly suitable for rockeries. Two species, however, *Maritima flore pleno* and *Schafta*, may be grown as edgings to sunny borders.

**Culture.** Grow in good, ordinary soil on the margins of slightly raised, sunny borders or rock gardens. May be grown as a continuous edging or in masses. Plant in early spring or fall, 4 inches apart.

- \*\***Alpestris** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Dwarf rock plant, dainty, pure white flowers in May and June.
- Maritima** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Compact masses of glaucous blue foliage. Very neat in appearance. 2 to 3 inches high. From June to August the entire plant is covered with white flowers. Especially happy in a hot dry place in the rockery or for the rock wall.
- \***Saxifraga** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A choice Alpine of mossy growth. Flowers white, in great profusion all summer.
- \***Schafta** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

SHASTA DAISY (See Chrysanthemum Maximum).

## SPIREA - Goat's Beard; Meadow Sweet

Very handsome herbaceous perennials. In general appearance the species are much like those of the *Astilbe*. The species named below have handsomely divided leaves and flowers borne in graceful, feathery plumes. All are suitable for shady borders, woodland glades and the wild garden.

**Culture.** The Spireas require a deep, rich and moist soil. Plenty of leaf mold and well-decayed manure must be incorporated with it before planting. *Aruncus* may be grown as single specimens in moist parts of the garden. As to the rest, these will thrive in shady, moist borders, or they may be grown by the waterside. *Filipendula flore pleno*, being small, should be grown in groups of three or six plants. Those grown in borders should be given copious supplies of water in dry weather. Plant in autumn or early spring, 12 inches apart.

- Aruncus** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Produces long, feathery panicles of white flowers, forming graceful plumes 4 feet tall in June.
- Filipendula** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Dropwort). Numerous corymbs of white flowers on stems 15 inches high during June and July; pretty fernlike foliage.
- \***Filipendula flore pleno** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Double white flowers on 12-inch stems; lovely fernlike foliage.
- Palmata elegans** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Graceful plumes of lovely light pink flowers in June, on stems 3 feet high. Fine for waterside planting.

## SPIREA - Astilbe

- Venusta** Three \$1.40, Doz. \$4.00, 100 \$30.00  
(Martha Washington Plume). A noble plant growing about four feet high, producing in July and August handsome, rosy carmine flowers which are delightfully fragrant. A desirable subject for the border or along a small brook.

- Betsy Cuperus** Three \$1.60, Doz. \$4.70, 100 \$35.00  
The fine drooping flower spikes, 2 feet long, show in summer during some weeks a great number of white flowers with pink center.

- Marguerite Van Rechteren** Three \$1.60, Doz. \$4.70, 100 \$35.00  
The flower stem itself has a length of over 3 feet. The very fine tinged flowers are bright red tinged with dark blue.

- Vesta** Three \$1.60, Doz. \$4.70, 100 \$35.00  
Tall, lilac-rose spikes; beautiful garden variety.

- Deuchland** Three \$1.60, Doz. \$4.70, 100 \$35.00  
A lovely pure white variety and of strong growth and very free flowering.

- Gloria** Three \$1.60, Doz. \$4.70, 100 \$35.00  
Conspicuously beautiful with dense, feathery plumes of brilliant dark pink, shaded lilac.

- Granat** Three \$1.60, Doz. \$4.70, 100 \$35.00  
Striking novelty with long, well formed spikes and splendid crimson flowers, shaded salmon.

## STACHYS - Woundwort

Dwarf-growing perennials suitable for the margins of borders or as rock plants. *Lanata* is commonly used as an edging to borders.

**Culture.** Will thrive in ordinary soil in a sunny border or rockery. For edging purposes plant eight inches apart in autumn or spring. Remove any flowers that form on *Lanata* as the plant is grown only for its lovely silvery foliage.

- \***Lanata** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Fine, old-fashioned cottage garden plant for edging; useful in rock garden; dwarf; soft silvery foliage; flowers useless. 4 inches.

## STATICE - Great Sea-Lavender

The leathery, dark green leaves spring directly from the root stock and the flower stems are more or less twiggy, bearing their small flowers in much-branched panicles. The flowers are useful for cutting for indoor decoration, also for drying for winter use.

**Culture.** A sandy loam is essential to grow these plants well. They will not thrive on heavy soils. A sunny position, too, is indispensable. Plant in autumn or spring, 6 inches apart. They show to the best advantage when grown towards the front of the border. If the flowers are required for winter decoration, gather them before they are fully expanded.

- \***Latifolia** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A valuable plant either for the border or rockery, immense heads, frequently 1 1/2 feet high and 2 feet across, of purplish blue, minute flowers during July and August. These, if cut and dried, last in perfect condition for months.

## STOKESIA - Cornflower Aster; Stokes' Aster

A very handsome perennial, with China Aster-like flowers, that appear late in the season, about September. It prefers a warm, sheltered location. Should certainly be grown in all gardens since its flowers are most beautiful in form and color.

**Culture.** Grow in a sunny, well drained border in sandy loam, 6 inches apart. Plant in March or early autumn. In wet seasons in autumn place a slight mound of ashes or leaf mold around the crown of the plants to prevent rotting.

- Cyanea coerulea** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Beautiful light blue flowers are produced profusely in late summer and early autumn on 18-inch stems; lovely for cutting or in front of the border. Stokesias are one of our best late summer-flowering hardy plants.
- Cyanea coerulea alba** Three \$1.20, Doz. \$3.50, 100 \$25.00  
White-flowered form of the above.

SWEET WILLIAM (See Dianthus Barbatus).



Thymus Serpyllum Lanuginosus

## TEUCRIUM - Germander

Shrublike plants of moderate growth. Chamaedrys has shrublike, shiny, dark leaves. Orientalis is airy and fit for the rock garden.

**Culture.** A well-drained, good garden soil is all that is required to grow them to perfection. Plant in fall or early spring, 6 inches apart in full sun, in rock garden or border. Chamaedrys may also be used as an edging to flower beds or garden plants in the small formal garden.

\***Chamaedrys** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Glossy green foliage resembling dwarf boxwood, may be used in place of boxwood where the latter is not hardy; can be clipped to suit any height up to 12 inches.

\***Orientalis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Dwarf, graceful plants, producing an abundance of blue flowers in August; good for rock garden or border.

## THERMOPSIS

Only one species is worthy of mention here. This has three-lobed leaves, and yellow, lupine-like flowers borne in long, terminal racemes. It is of graceful growth and specially suitable for the sunny border.

**Culture.** Ordinary soil in a sunny, well drained, dry border. Plant in autumn or spring, 8 inches apart.

**Caroliniana** Three \$1.20, Doz. \$3.50, 100 \$25.00  
A lovely lupine-like plant with rich green foliage, growing about 2 feet high. In June and July, yellow, pealike flowers are produced in racemes, 6 to 12 inches long. The general appearance is that of a yellow lupine.

## THALICTRUM - Meadow-Rue

Hardy perennials, with elegant, finely divided, Columbine or Maiden-hair-like foliage, which is most useful for cutting for mixing with cut flowers. Are borne in feathery clusters or panicles, and they add considerably to the beauty of the plants. They are of easy cultivation in sun or shade.

**Culture.** They will thrive in any good, ordinary, well drained soil. May be grown in sunny or partially shaded borders. Tall species like aquilegifolium are most effective when grown as single specimens in the front of shrubbery borders, or in the wild garden. The other species may be grown in colonies in the garden or border. Plant in autumn or spring, 8 to 12 inches apart. Dipterocarpum should be carefully protected if planted in the fall.

\***Adiantifolium** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A beautiful variety, with foliage like the Maidenhair Fern and miniature white flowers in June; grows about 2 feet high.

**Aquilegifolium** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Graceful foliage like that of Columbine, and rosy purple flowers from June to July on 2 to 3 foot tall spikes; lovely planted together with Poppy Wm. Perry.

**Aquilegifolium album** Three \$1.20, Doz. \$3.50, 100 \$25.00  
White form of the above.

**Dipterocarpum** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Flowers a charming shade of lilac-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high. The dainty flowers are produced in graceful sprays during August and September.

**Glaucum** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Similar in habit to the Aquilegifolium; blue-gray leaves rather finely cut, with heads of Chinese yellow, fragrant flowers. 3 to 4 feet. July.

## THYMUS - Thyme

Dwarf-growing, almost prostrate creeping perennials with fragrant foliage, suitable for growing on the margins of dry, sunny banks, slopes or rock gardens.

**Culture.** These will thrive in ordinary soil in well drained, dry borders or on sunny slopes and rockeries. They soon spread and form neat patches of foliage, studded in summer with rosy purple or crimson flowers. Plant in autumn or spring, 6 inches apart. All flower in June and July.

\***Citriodorus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
The well known "Lemon Thyme."

\***Lanuginosus** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Woolly-Leaved Thyme) Woolly foliage with bright pink flowers.

\***Serpyllum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Growing about 10 inches high and spreading rapidly. This is one of the good varieties for naturalizing. When established it may be mowed with lawnmower. Foliage is very fragrant when walked upon.

\***Serpyllum album** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(White Mountain Thyme). Forms dense mats of dark green foliage and clouds of white flowers.

\***Serpyllum coccineum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Plants become completely covered with brilliant crimson-scarlet flowers.

\***Serpyllum splendens** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A rapid, dwarf-growing variety; very hardy and excellent to cover bare spots, also good for the edge of walks or in the rock garden.

## TIARELLA - Foam-flower or False Mitre-wort

The only species of any merit is Cordifolia. It has prettily marbled or bronzy foliage, and feathery, creamy white, starry flowers. A suitable plant for massing in a shady border or in shade in the rockery.

**Culture.** Grow in ordinary soil in shady or partially shady locations. Plant in autumn or spring, 4 inches apart. Lift and divide every three years.

\***Cordifolia** Three \$0.85, Doz. \$2.75, 100 \$18.00  
An attractive little plant with the foliage and small, creamy white, star-shaped flowers. Prefers partial shade, not over 12 inches in height, flowering in May.

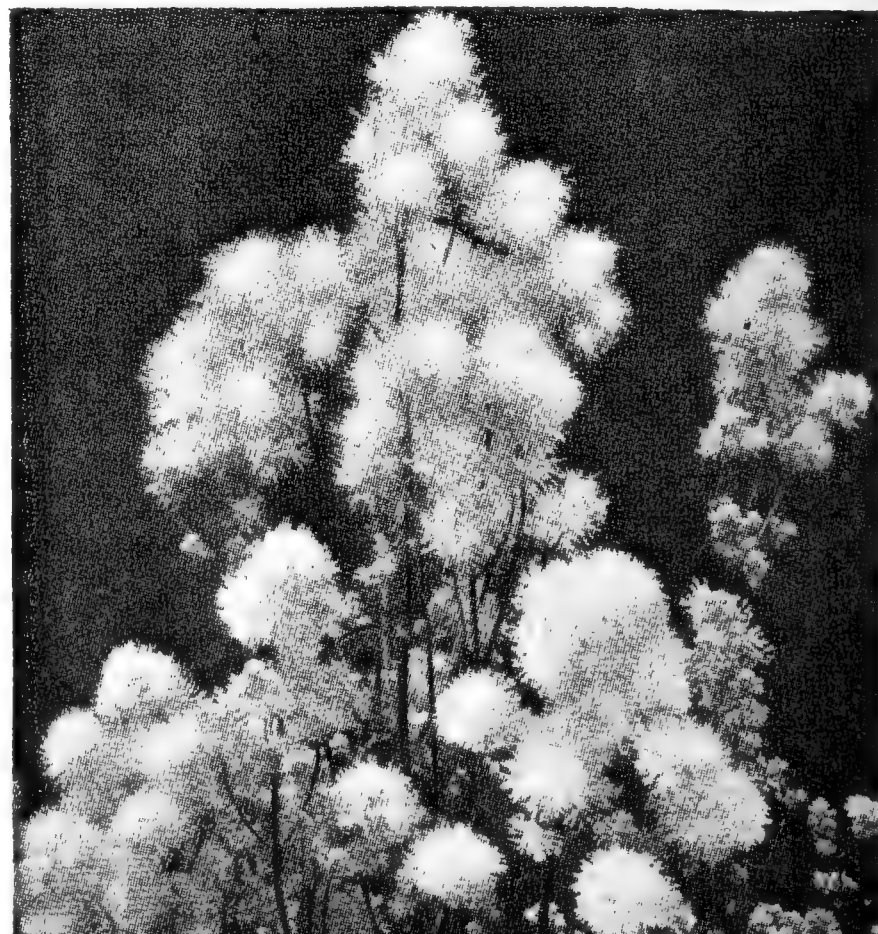
## TRILLIUM - American Wood-lily or Wake Robin

Spring-flowering perennials with three leaves borne in a whorl, and flowers with three petal-like segments. A very interesting genus of plants for naturalizing under the shade of deciduous trees in woodland borders, the margins of shady walks, or in the shady border.

**Culture.** The Trilliums require to be grown in peat and leaf mold in shade or partial shade. Plant in autumn or very early spring, 3 inches apart, in large colonies to produce the best effect. They like plenty of moisture in summer.

**Grandiflorum** Three \$0.65, Doz. \$2.00, 100 \$12.00  
Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large, pure white flowers in early spring. 12 to 18 inches high.

Thalictrum Aquilegifolium





## WAYSIDE GARDENS

### TRADESCANTIA - Spider-wort or Flower-of-a-Day

An old-fashioned American perennial, with narrow, purple-veined leaves, and flowers consisting of three sepal-like segments and three petal-like ones in dense umbels.

**Culture.** All will thrive in ordinary soil in partially shady or sunny borders. Also suitable for naturalizing in the wild garden, woodland, or shrubby borders. Good town garden plants. Best grown in colonies of three or more. Plant in autumn or spring, 8 inches apart.

**Virginica** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Produces a succession of blue flowers all summer, on fleshy, blue-green stems about 18 inches high. A very fine plant for places where it is difficult to grow more delicate subjects; does well in shade and at the base of house or porch, where nothing else will grow. Good for the city garden.

**Virginica alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A white-flowered form.

### TROLLIUS - Globe-flower

Hardy perennials belonging to the buttercup order. The flowers are globe-shaped, yellow or orange in color and useful for cutting.

**Culture.** They require a deep rich soil containing plenty of humus. They also like plenty of moisture, hence, should be grown in damp, shady corners, or, better still, by the waterside, in bold masses. Plant in autumn or very early spring, 8 inches apart. Each spring give a top dressing of rotten manure. Few plants make a brighter display of color in spring and early summer.

**Asiaticus, Salamander** Three \$1.90, Doz. \$5.50  
A splendid new variety of excellent habit producing a wealth of rich yellow blossoms. Does very well near a pond or stream.

**Europaeus, Gold Quelle** Three \$1.90, Doz. \$5.50  
A deep yellow flower with tall, rich golden stamens. A fine late flowering sort

**Europaeus, Lemon Queen** Three \$1.60, Doz. \$4.50  
Free flowering strong growing plant. Flowers pale yellow, produced in abundance on stems about 2 feet high.

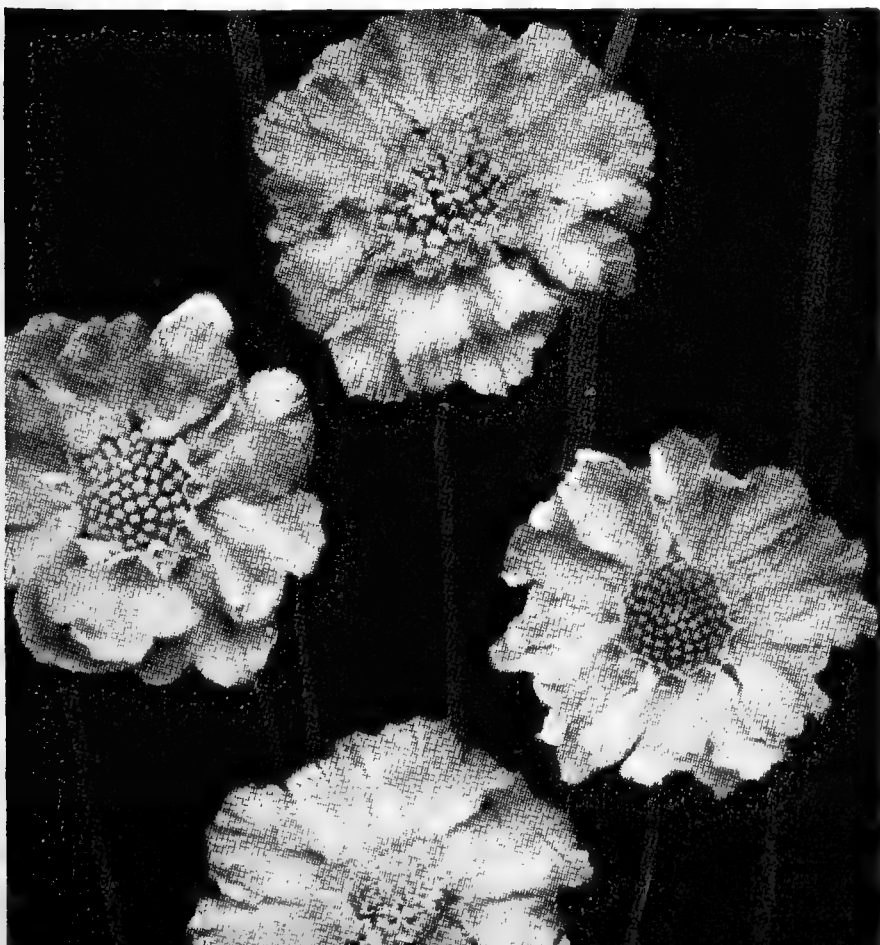
**Europaeus, Orange Globe** Three \$1.60, Doz. \$4.50  
Desirable free-flowering plants, producing their giant orange-yellow buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half-shady position.

**Europaeus Superbus** Three \$1.60, Doz. \$4.50  
Same habit as Orange Globe with pale yellow blossoms.

**Ledebouri** Three \$1.90, Doz. \$5.50  
A magnificent variety of very deep orange color. Its great merit lies in its late flowering propensities. After other varieties have faded; it is at its best.

**Choice Mixed Colors** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Colors range from pale yellow to deep orange; on strong stems 2 feet high. Wonderful as cut flowers, and good in moist locations.

Scabiosa Caucasica



Santolina Chamaecyparissus

### TRITOMA - Torch Lily; Flame Flower; Red Hot Poker

Also known under the name of Kniphofia. A very popular plant for garden decoration. They are of stately growth, have long, narrow, grassy leaves, and bear their drooping, tubular flowers in dense spikes on long, naked stems well above the foliage. They are ideal plants to grow in the border. Coming chiefly from South Africa they must be well protected in cold districts; Quartiniana, however, is perfectly hardy. Flowers are prized for cutting in late summer and early autumn.

**Culture.** Any good, ordinary, well drained soil and a sunny position will suit Tritomas. Plant in spring only, 12 inches apart. A liberal mulching of decayed manure should be spread around the base of the plants in early winter. During severe weather protect the plants by a covering of straw or dry litter.

**Pfitzeri** Three \$1.20, Doz. \$3.50  
Hardy if given protection. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet.

**Perry's Hardy Hybrids** Three \$1.00, Doz. \$3.00  
These are seedlings of various colors, ranging from pale yellow to deep orange and are very showy; perfectly hardy.

**Quartiniana** Three \$1.20, Doz. \$3.50  
A strong growing variety, blooming late in May. Orange-red at first, but yellow on bottom half as bloom matures. Perfectly hardy here; does not need protection.

**Uvaria grandiflora** Three \$1.20, Doz. \$3.50  
3 to 4 feet. The old-fashioned, late-flowering sort, with flowers rich red changing to salmon-pink. Needs slight protection.

### TUNICA - Coat Flower

Slender, graceful perennials with almost hairlike stems covered all summer with small Baby's Breath-like flowers. Excellent for rock garden, rock wall or in front in sunny borders.

**Culture.** Ordinary well drained garden soil not too rich suits them best. Grow in rock garden, rock wall or border in full sun. Plant in fall or spring, 4 inches apart.

**\*Saxifraga** Three \$0.85, Doz. \$2.75, 100 \$18.00  
A pretty tufted plant with light pink flowers, produced all summer, about 6 inches high; for the rockery or border.

**\*Saxifraga rosea flore pleno** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Is a lovely double, pink variety. The rose-pink flowers are produced all spring and summer in great quantities which makes it a most valuable plant for the rock garden. We have a limited number of strong plants in pots ready to bloom.

### VALERIANA - Centranthus; Garden Heliotrope

Hardy, old-fashioned perennials. Showy plants for dry, sunny borders, banks, or old walls. Flowers are borne in panicles. A great favorite in old-fashioned gardens, especially in districts where soil abounds with lime.

**Culture.** Ordinary soil and sunny borders. Planted in the chinks of old walls will speedily root and make dense bushes. Plant in spring or fall, 12 inches apart.

**\*Coccinea** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Showy heads of old rose flowers in umbels on 12-inch stems just above the rich green foliage, are produced from June until October. A splendid plant for bold effects in the wall or rock garden; plants, if too large, may be severely cut back without damage. Total height about 2 feet.

**\*Coccinea alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
White form of the above.

**Officinalis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Hardy Garden Heliotrope). Produces showy heads of rose-tinted white flowers during June and July, with delicious strong heliotrope odor. 3 to 4 feet high, loves a moist spot.

**VERBASCUM - Mullein**

Hardy biennial and perennial plants of stately growth, suitable for borders or rock gardens. The leaves are more or less woolly, and the flowers are borne in branched spikes. There are now several beautiful hybrids in cultivation which are superior to the species.

**Culture.** Mulleins require a light or medium, well drained soil. Plant in autumn or early spring, about 4 to 8 inches apart. Once a colony of these plants is established they will reproduce themselves freely from seed each year.

**Olympicum** Three \$1.00, Doz. \$3.00, 100 \$20.00  
(Greek Mullein). The showiest of the entire family of more than thirty varieties. The foliage is silvery white, with leaves often 3 feet long. Flowers yellow, produced in quantity for about three weeks in midsummer. Succeeds best in a dry situation. 3 to 5 feet.

**\*Phoeniceum, Wayside Gardens Hybrids** Three \$1.20, Doz. \$3.50, 100 \$25.00  
An excellent strain produced from a very superior grade of English Hybrids. Colors are most interesting, ranging from white, pink, rose, purple and bronze to brown; they grow about 18 inches high.

**VERBENA**

The popular Verbena, grown so extensively for summer bedding, is a tender plant, which will not survive the winter. There is, however, a hardy herbaceous species named below which will survive the winter, and annually produce a wealth of bluish or lilac flowers from June to October, and which may be permanently grown outdoors in well drained soils. It is of spreading habit.

**Culture.** Any good, ordinary, light or medium, well drained soil will suit this plant. It should be grown in masses on the rockery by itself, or in masses in warm borders. Plant in spring, 6 inches apart. In autumn mulch with straw as a protection against injury by frost.

**\*Canadensis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A creeping plant in bloom all summer. The flowers are purplish blue and always plentiful. Good for rock garden in warm, sunny place.

**VERONICA - Speedwell**

Beautiful hardy perennials that vary in height from a few inches to three feet and bear blue, rosy pink or white flowers in terminal spikes or racemes. Showy plants for borders or rock gardens and all of easy culture.

**Culture.** Good, ordinary soil will suffice for all the foregoing kinds. Grow the dwarf sorts in masses on the margins of sunny borders or rock gardens, and the others in colonies in positions according to their height. Plant in autumn or spring, 6 to 8 inches apart; cut back all faded flowers to promote new growth and additional blooms. They are classed amongst the best perennials for the American gardens.

**\*Amethystina "Royal Blue"** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Beautiful spikes of rich gentian-blue flowers. 10 to 15 inches. June and July flowering.

**\*Erica** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A heather-like Speedwell with delicate pink flowers. June-July. 8 to 12 inches.

**\*Incana** Three \$0.85, Doz. \$2.75, 100 \$18.00  
(Candida). 1 foot. July and August. A white, woolly plant; flowers numerous; blue. Has good appearance, both in and out of bloom. Useful in rockery or for edging paths and flower beds.

**Longifolia subsessilis** Three \$1.20, Doz. \$3.50, 100 \$25.00  
2 feet. July to September. One of the handsomest blue-flowering plants. Perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers; fine for cutting and one of the best plants for the hardy border.

**\*Repens** Three \$1.00, Doz. \$3.00, 100 \$20.00  
1 to 2 inches. May and June. A useful rock or carpeting plant with light blue flowers. Not very hardy, we recommend *Rupestris* in its place.

**\*Rupestris** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A fine rock plant growing 3 to 4 inches high; thickly matted, deep green foliage, hidden in early June under a cloud of bright blue flowers. Does well in light shade and is also a good ground cover for shrub borders.

**\*Rupestris flexuosa** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Prostrate creeping plant forming a solid carpet of green which in late April and early May is covered with pale blue flowers 1 inch high. A-No. 1 rock plant.

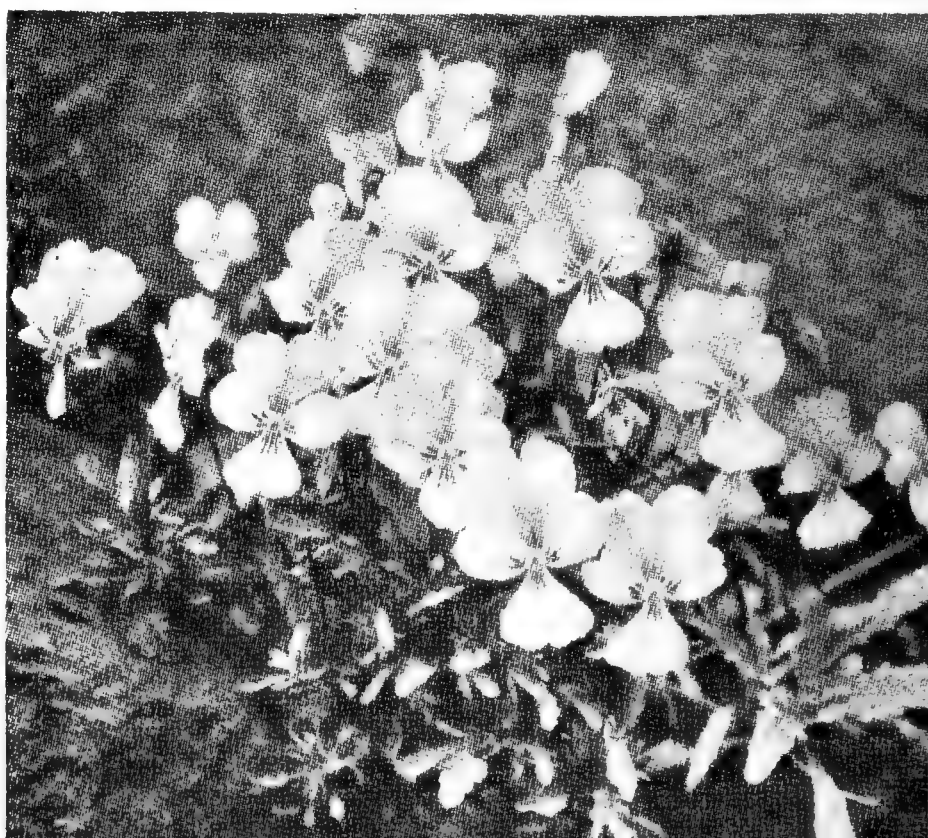
**\*Rupestris, Heavenly Blue** Three \$1.20, Doz. \$3.50, 100 \$25.00  
The same habit as *Rupestris* or *Rupestris alba*; prostrate; does well in full sun or light shade. Lovely in the rockery or at base of shrubbery. Completely covered with heavenly blue flowers in late May or early June.

**\*Rupestris nana rosea** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Has same habit and flowers at same time as *Rupestris nana*. The flowers, however, are mauve-pink.

**Spicata** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Long spikes of violet-blue flowers all summer; a very fine variety for the middle of the hardy border. For best results lift and divide every three years and fertilize well with bone meal. Plant grows about 24 inches tall.

**Spicata alba** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Long spikes of snowy white flowers.

**True Blue** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Literally covers itself with blossoms of intense blue. 12 inches. June-July flowering.

**Viola Floraire**

Fritoma Pfitzeri





## VIOLA

Popular garden flowers originally obtained by crossing *Viola cornuta* (the Horned Viola) with the ordinary Pansy. They differ from the ordinary Pansy by being more compact in habit and more continuous and free in flowering.

**Culture.** To grow Violas well, good soil is a great advantage, although fine results may be obtained from plants planted in any soil that has been well dug, and a heavy dressing of partially rotted manure incorporated at the time of digging. Plant 8 inches apart in fall or early spring and plant firmly. Be sure and see that no excess moisture will kill the plants in winter.

## VIOLA CORNUTA - Tufted Pansies

**Admiration** Three \$0.65, Doz. \$2.00, 100 \$12.00  
Deep violet flowers in great profusion all summer.

**\*Floraire** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A gem, producing profusely all summer through, small blossoms of pale blue. Famous in and around Geneva, Switzerland, a product of Monsieur Correvon. Fine for rockery.

**\*G. Wermig** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A variety of Tufted Pansy, forming clumps which are covered with rich violet-blue flowers the entire season; fine for rock garden.

**Golden Yellow** Three \$0.65, Doz. \$2.00, 100 \$12.00  
A very free-flowering sort producing its golden yellow flowers all summer.

**\*Gracilis** Three \$1.00, Doz. \$3.00, 100 \$20.00  
A tufted species producing a mass of rich purple, small, starry flowers in bloom all summer. An ideal variety for the rock garden.

**Jersey Gem** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Possesses the dwarf habit and continuity of blooming of the true horned Viola (*V. cornuta*), and vigorous, bushy growth and roundish foliage of the finest English bedding varieties. Pure, rich violet, slightly perfumed.

**Perfection** Three \$0.65, Doz. \$2.00, 100 \$12.00  
Light blue flowers in abundance all summer; a very lovely variety planted with the yellow sort.

**Sutton's Apricot** Three \$1.00, Doz. \$3.00, 100 \$20.00  
Beautiful rich apricot shade, tinted orange toward the center.

**White Perfection** Three \$0.65, Doz. \$2.00, 100 \$12.00  
Pure white blooms in great profusion all summer.

**Mixed** Three \$0.65, Doz. \$2.00, 100 \$12.00  
Many shades and markings.

## VIOLA ODORATA - Sweet Violet

**\*Prince of Wales** Three \$0.85, Doz. \$2.75, 100 \$18.00  
Rich, deep purple. Gloriously sweet scented. The best of the single hardy sweet scented Violets. Does excellently in shade.

**\*Rosina** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Producing not only in spring but again in late autumn, quantities of dainty, deliciously fragrant, pink or old rose flowers. Extremely useful for bordering or as a ground cover in half shade or full sun.

**\*Double Russian** Three \$1.20, Doz. \$3.50, 100 \$25.00  
Perfectly hardy anywhere, producing double, sweet scented flowers in abundance. A splendid variety for that troublesome shady place.

Viola Rosina



## VINCA - Periwinkle or Trailing Myrtle

The Periwinkles are suitable to grow as edgings to shrubbery borders, carpet the ground under the shade of trees, or in shady borders with ferns, lilies and other bulbs.

**Culture.** Ordinary soil in positions named above. Plant in autumn or early spring, 4 to 6 inches apart. Additional beauty is obtained by the interplanting of daffodils, mertensia or plumbago larpendatae. All these bulbs and plants do well planted under Vinca minor.

### \*Minor

A trailing evergreen plant, used extensively for carpeting the ground under shrubs or trees or on graves, where it is too shady for grass or other plants.

	Doz.	100	1000
Field grown plants, 1 year old.....	\$1.25	\$7.00	\$60.00
Field grown plants, 2 years old.....	1.75	9.00	80.00
Heavy plants from 3-inch pots.....	2.00	11.00	95.00

### \*Minor alba

Three \$1.00, Doz. \$3.00, 100 \$20.00  
The rare white-flowered form of the variety listed above.

### \*Minor aurea variegata

Three \$1.00, Doz. \$3.00, 100 \$20.00  
The hardy golden variegated Vinca is a very attractive plant for the rockery or any shady place where a touch of color for the winter is required.

## YUCCA - Adam's Needle

Stately perennials with stiff, evergreen, swordlike, sharply pointed leaves, produced in a cluster.

**Culture.** They require a sunny position. They will not thrive in peaty soils. Plant in early spring or fall, 3 feet apart.

### \*Filamentosa

Among the hardy plants there is nothing more effective and striking for isolated positions on the lawn. It is also indispensable for the large rockery. Its broad, swordlike, evergreen foliage and immense branching spikes of drooping, creamy white flowers, rising to a height of 5 feet, render it a bold and handsome subject wherever placed.

	Three	Doz.	100
3-year-old flowering plants.....	\$1.20	\$3.50	\$25.00
4-year-old flowering plants.....	1.40	4.00	30.00





**AMPELOPSIS - Ivy****Veitchi**

(Boston Ivy). The most popular climbing plant for covering brick walls, stone or wooden walls, trees, etc. When it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of Ivy.

Strong, 3-year-old, field-grown plants .....	Each \$0.60	Doz. \$6.00
Big pot plants .....	.50	5.00

**Lowi** Each \$0.75, Doz. \$7.50

A variation from the popular Boston or Japan Ivy, with much smaller foliage, which is deeply cut, giving it an elegance entirely distinct from the old type. Used for delicate effects.

**Quinquefolia**

Each \$0.40, Doz. \$4.00

(Virginia Creeper). This well known climber is one of the best for covering trees, trellises and old stumps. Its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Used exclusively for bold effects.

**BIGNONIA - Trumpet Vine**

For covering unsightly places, stumps, rock work, old fences or wherever a showy naturalistic flowering vine is desired, the Bignonia will be found very useful. The flowers are large, attractive and borne profusely when the plant attains a fair size.

**Radicans**

Each \$0.40, Doz. \$4.00

Dark orange flowers all summer and fall; free blooming, very hardy vine.

**CLEMATIS - Large Flowering**

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results.

**Culture.** They need a rich, deep, well-drained soil; in fact, drainage should be perfect and the soil should be prepared at least 2 feet deep, using plenty of sharp sand and well rotted manure. The roots must be sent straight down, the whole plant must be deeply set, the crown, should be not less than 3 inches beneath the surface of the soil. Provide support and protect the runners produced the first year from frost with straw or small piece of burlap. No protection required after first winter.

**Henryi**

Each \$0.65, Doz. \$6.50

Lovely, large creamy white flowers in great quantities all summer.

**Jackmani**

Each \$0.65, Doz. \$6.50

The popular purple variety with large, purple-blue flowers; one of the loveliest vines we have.

**Mme. Villard**

Each \$0.65, Doz. \$6.50

Bright carmine blossoms in great quantities; looks very well on white background.

**Ramona**

Each \$0.65, Doz. \$6.50

Single, pale blue flowers completely cover this plant; it is a very lovely vine not used nearly enough.

Wisteria Multijuga



Clematis (Large Flowering)

Magnificent climber, covered with large blossoms in early summer. Grown on short sticks they are lovely subjects in the hardy border.

**CLEMATIS - Virgin's Bower**

Besides the large-flowered Clematis there are several varieties producing smaller blooms or in large panicles. All are very desirable and most useful. Flammula and Montana are of strong growth, but their flowers are not fragrant like those of the Paniculata which really is one of the loveliest sweet-scented vines we have.

**Culture.** All require a rich, light, well drained soil and should be grown in full sun. A support should be provided for them to climb on, it is well to tie the vines in their early growth; trim and remove dead vines early in spring. Plant in fall or early spring.

**Coccinea**

Each \$0.60, Doz. \$6.00

Grows 10 to 12 feet. A very handsome, hardy climber, bearing small, thick, bell-shaped flowers, of bright coral-red, in wonderful profusion, from June till frost.

**Montana perfecta**

Each \$0.60, Doz. \$6.00

(Anemone Clematis). A strong, vigorous, extremely hardy variety, thriving under most adverse conditions. Its large, white flowers expand in April and May; the best of our spring climbers.

**Montana rubens**

Each \$0.60, Doz. \$6.00

Flowers rosy pink, with beautiful green foliage, shaded bronze.

**Paniculata**

Each \$0.40, Doz. \$4.00

This hardy climber is one of the choicest and most satisfactory climbing, flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage and pure white, deliciously fragrant flowers, in greatest profusion in August and September, 2-year plants.

**CELASTRUS - Bittersweet or Wax Work**

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade.

**Scandens**

Each \$0.60, Doz. \$6.00

Attractive light green foliage and yellow flowers in June, followed in autumn with bright orange fruits, which usually remain on the plant all winter.

**EUONYMUS - Evergreen Bittersweet**

The Euonymus are particularly desirable for their dense, evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the Boxwood as an edging plant, while Acuta is a splendid ground cover; and one of the best creepers for rockeries is Kewensis. All do well in sun or shade.

**Radicans**

Each \$0.50, Doz. \$5.00, 100 \$40.00

An excellent evergreen fine in either shade or sun. Its habit is a bushy growth. Foliage a dark shiny green and rather small. This vine may also be trimmed into a small evergreen hedge for formal beds or walk. 15 to 18 in. high, bushy plants.

**Radicans variegata**

Each \$0.50, Doz. \$5.00, 100 \$40.00

A beautiful small-leaved green and white variegated form of the same habit as the type. 15 to 18 in. high, heavy, bushy plants.

**Radicans vegetus**

Each \$0.80, Doz. \$8.00, 100 \$70.00

(Evergreen Bittersweet). A strong growing variety, with larger leaves than the type, and producing bright orange-red berries, which remain on the plant the great part of the winter. As an evergreen, absolutely hardy wall cover, this plant is unequalled. 15 to 18 in. high bushy plants.





*Polygonum Auberti* (Silver Lace Vine)

Most desirable where rapid growth is required. In late summer completely covered with thousands of silvery white blooms.

### EUONYMUS - Miniature Evergreen Bittersweet

**\*Kewensis** Three \$1.40, Doz. \$4.00, 100 \$30.00  
A variety with very small, dark green foliage. Everyone who has seen this appreciates its value as a rock plant. It grows close to the ground, and is a most valuable plant for a shady place in the garden where a delicate evergreen is needed. Fine ground cover under small trees

### ENGLISH IVY - *Hedera*

The famous English Ivy with its familiar evergreen, glossy foliage; requires winter protection in cold sections of the country where it is exposed to chilly winds on open walls. It can, however, be planted with perfect safety as a ground cover or as an edging to flower beds anywhere. *Gracilis* is perfectly hardy and we recommend its use on the north side and west side of buildings and walls or in shady places, or as a ground cover under trees in dense shade.

**Helix** Each \$0.60, Doz. \$5.00, 100 \$40.00  
(English Ivy). A lovely vine as well as a splendid ground cover

**Helix gracilis** Each \$0.60, Doz. \$5.00, 100 \$40.00  
Identical in habit with the English Ivy, but with foliage not as large and more cut; a most graceful vine; perfectly hardy and a splendid evergreen vine on walls with north or west exposures, also an excellent ground cover. Strong plants, about 30 inches high.

### LONICERA - Honeysuckle

Their climbing qualities are all that can be desired, but the fragrance of their flowers makes their strongest bid for favor. They are perhaps to the old-fashioned garden as a vine what the Hollyhocks are as a plant. They simply should be there somewhere.

**Halliana** Each \$0.50, Doz. \$5.00  
Color an intermingling of white and yellow. Fragrant; most satisfactory.

**Sempervirens magnifica** Each \$1.00, Doz. \$10.00  
A magnificent new Honeysuckle with coral colored blooms of large size and beautiful blue-gray-green foliage. The brilliant and cheerful flowers freely produced; a worth-while novelty.

**TELLMANNIANA (New Honeysuckle, Golden Giant)**. A vigorous hardy climber with lovely, large, tubular blooms of an intense golden yellow tipped with bronzy red. Blooms profusely during June and is perfectly hardy. This magnificent rapid climbing variety originated in Germany and is not generally known in this country. It is a fine improvement over the other Honeysuckles. A splendid vine for sun or shade. Strong plants \$0.75 each; \$7.50 per doz.

### POLYGONUM - Silver Lace Vine

One of the fastest growing vines offered; foliage perfectly clean, never bothered by insects or other pests. In fall a sea of foam-like white flowers.

**Auberti** Each \$0.75, Doz. \$7.50  
A splendid hardy climber of strong, vigorous growth, attaining a height of 25 or more feet, producing in summer and fall great foamy sprays of white flowers, and a well balanced plant during its long period of flowering is a mass of bloom.

### PUERARIA - Kudzu Vine

The most rapid growing vine in cultivation, often attaining a growth of 40 feet in a single season. Especially desirable for immediate effect for dense shade, as its leaves are large.

**Thunbergi** Each, \$0.40, Doz. \$4.00  
(Jack-and-the-Beanstalk). Small, pea-shaped, rosy purple flowers, heart-shaped leaves. Will grow anywhere.

### SCHIZOPHRAGMA HYDRANGEOIDES - Climbing Hydrangea

One of the finest and most artistic vines in existence and extremely rare. Foliage large and bold, it clings to walls or other support. Flowers in large, flat clusters, studded with large, flaky, sterile blooms which are very showy and fragrant.

Fine plants in pots.....Each \$1.50, Doz. \$15.00

### WISTERIA

Woody vines with tightly clinging habit, for pergolas, arbors, trellises, etc., especially ornamental in early summer when they are resplendent with their large, drooping clusters of fragrant blossoms.

**Sinensis** Each \$1.50, Doz. \$15.00  
(Chinese Wisteria). Bunches of pale lilac deliciously scented blossoms in great profusion all over the vine. Strong, grafted plants.

**Sinensis alba** Each \$1.50, Doz. \$15.00  
A white-flowered form of the type. Strong, grafted plants.

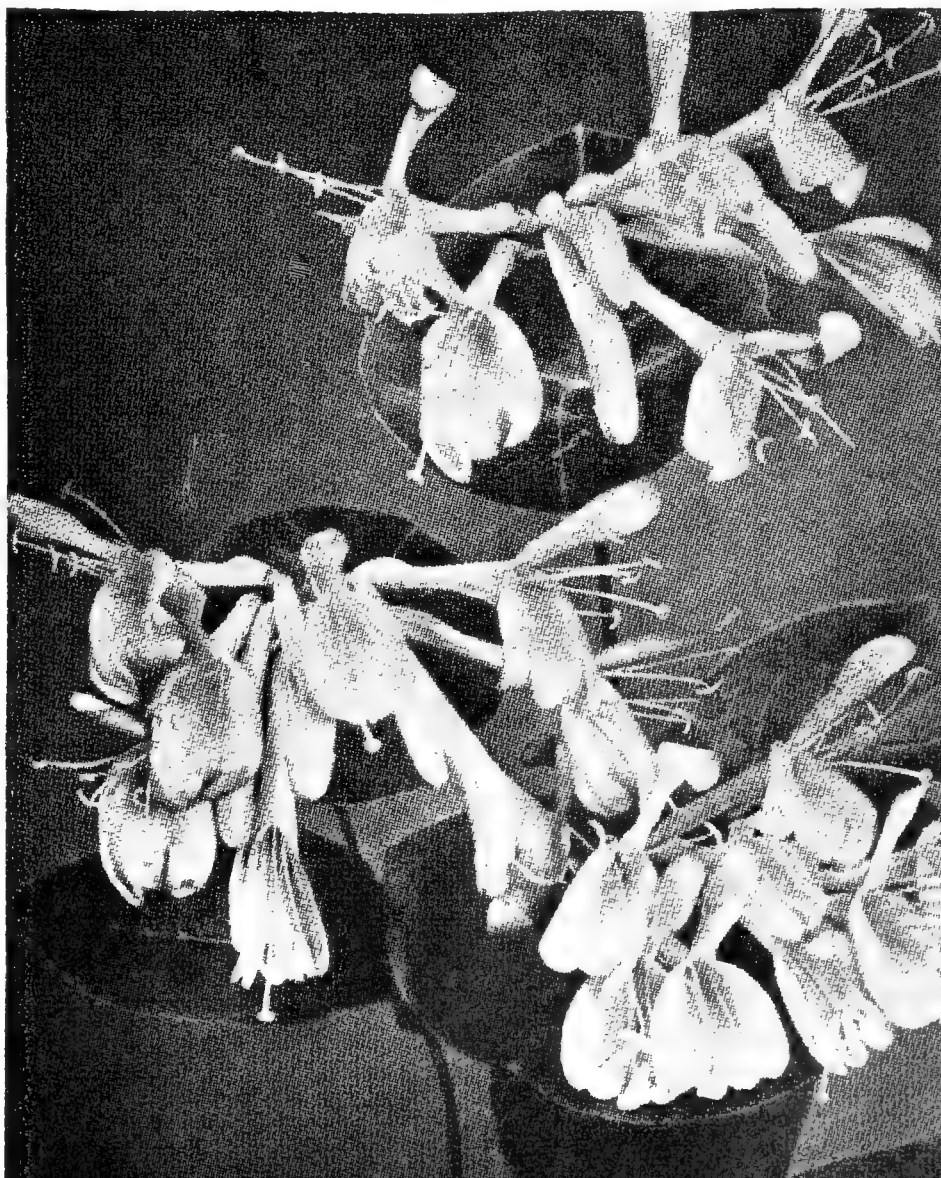
**Sinensis multijuga** Each \$6.50  
With deep lavender blossoms often 18 to 24 inches long. Specimen plants.

### TREE WISTERIA

No more lovely sight can be imagined than a Tree Wisteria in bloom. The purplish-blue flowers are produced by the hundreds and completely cover the tree during May transforming it into a sheer beauty. In formal gardens Tree Wisterias are indispensable. On the lawn they develop into beautiful specimens and live for generations increasing in beauty and dignity each successive season. The plants we offer are grown on stems about 4 feet high and the crowns are about 2½ to 3 feet in diameter. Every plant is guaranteed to bloom.

**Blue Tree Wisteria** The most popular color. .... Each \$5.50  
**White Tree Wisteria** Silvery white blossoms. .... Each \$6.75

*Lonicera Tellmanniana*





## Hybrid Tea Roses

We offer only Northern Ohio grown Roses, recognized nationally as the finest quality Roses produced in America.

ALL ROSES OFFERED ARE 2-YEAR-OLD SELECTED NO. 1 GRADE, WHICH IS THE FINEST QUALITY AVAILABLE.

Under this heading we offer only the very choicest and most popular varieties of Tea Roses, with the majority of which every lover of the Rose is familiar. We recommend this collection for general planting to the ama-

teur who wishes the finest varieties, and who is desirous of a supply of extra choice flowers to cut throughout the season. There is not one individual sort which we cannot endorse as possessing superior merit.

**Care and Culture of Roses.** Lack of space prevents giving complete or worth-while cultural information in this catalog. A fully illustrated booklet has therefore been prepared to cover this subject properly and will be sent to you upon receipt of twenty-five cents.

**Ami Quinard** Each \$0.75, Doz. \$7.50  
Blackish crimson buds; semi-double flowers of maroon-red. Tall, vigorous grower. 15 petals.

**Autumn** Each \$0.75, Doz. \$7.50  
Burnt orange, streaked and marked with red. Bud of medium size, developing into a cupped, double, fragrant flower.

**Betty Upchurch** Each \$0.75, Doz. \$7.50  
One of those delightfully contrastive types; the outside a blend of deep toned carmine with coppery orange; the interior being mostly a delicate salmon-pink.

**Briarcliff** Each \$0.75, Doz. \$7.50  
Large, pointed buds and double, high-centered blooms of brilliant rose-pink; fragrant and long lasting.

**Caledonia** Each \$0.80, Doz. \$8.00  
The most desirable white; exceptionally long-pointed bud opening to a very double, high-centered, long-lasting, very large, moderately fragrant flower. Continuous free bloomer.

**Caroline Testout** Each \$0.75, Doz. \$7.50  
One of the most popular and valuable bedding varieties; large, full globular flowers of bright satiny rose, with brighter center, very free and fragrant.

**Charles K. Douglas** Each \$0.75, Doz. \$7.50  
Of vigorous, upright growth, and liberal, fragrant bloom which is of delightful form. Color a flaming scarlet flushed with velvety crimson.

**Charles P. Kilham** Each \$0.80, Doz. \$8.00  
A brilliant, distinct and striking novelty which will appeal to and please every Rose lover. The buds are long pointed, of perfect shape, opening to high centered, perfectly formed, full double flowers of a rich and brilliant Oriental red, flushed with orange and glowing scarlet. A vigorous grower; very free flowering and sweetly tea-scented.

**Claudius Pernet** Each \$0.75, Doz. \$7.50  
A most vigorous grower of erect branching habit, beautiful brilliant green foliage, long pointed buds of exquisite shape, carried on long, stiff stems. Very large, full flowers with elongated deep petals; a beautifully formed bloom. Color most striking sunflower-yellow.

**Columbia** Each \$0.75, Doz. \$7.50  
This beautiful Rose is of strong, vigorous habit and exceptionally free blooming. Color a most pleasing shade of rose-pink and delightfully fragrant.

**Cuba** Each \$0.80, Doz. \$8.00  
Vivid orange-scarlet buds opening to immense, cuplike flowers of iridescent copper-red and brilliant orange-vermilion. Extremely free-flowering and a vigorous, erect grower.

**Dainty Bess** Each \$0.80, Doz. \$8.00  
An appropriate name for a daintily colored single Rose of perfect form; a delicate shade of shell-pink with a conspicuous bunch of crimson stamens. A greatly admired, long-lasting, single flower.

**Dame Edith Helen** Each \$0.75, Doz. \$7.50  
Shapely buds and substantial, high-centered blooms of clear pink, sweetly scented and freely produced on long, strong stems. Vigorous. Most remarkable for the number and beautiful arrangement of its petals.

**Duchess of Wellington** Each \$0.75, Doz. \$7.50  
Intense saffron-yellow, stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers are fairly full, with large petals, great substance, delightfully fragrant.

**E. G. Hill** Each \$0.80, Doz. \$8.00  
Beautiful long bud of perfect form and full double, high-centered flower of dazzling scarlet, shading to a deeper red as it develops. Strong, vigorous free-flowering habit.

**Edel** Each \$0.80, Doz. \$8.00  
An enormous bold, stately, well built flower of great quality and finish. Color white with faintest ivory shading towards the base, passing to a pure white. A fine grower with uniform, stout habit.

**Edith Nellie Perkins** Each \$0.80, Doz. \$8.00  
A Rose of outstanding merit, vigorous growth and free flowering. Long, pointed bud; flower of good size, long lasting and fragrant, double; outside of petals orient-red shaded cerise-orange; inside salmon-pink.

**Eldorado** Each \$0.75, Doz. \$7.50  
In this we have an exact counterpart of Miss Lolita Armour, in the large sized flowers of distinct formation, vigorous growth and free-flowering habit and fragrance, but in color it is of the golden yellow that is peculiar to the climbing Rose, Marechal Niel, with the base of the petals slightly tinted red.

**Elizabeth of York** Each \$0.80, Doz. \$8.00  
Pointed buds and medium size, semi-double flowers of bright cerise-pink, borne singly on long stems. A profuse, continuous bloomer. The flower is very beautiful when half open.

**Etoile de Hollande** Each \$0.80, Doz. \$8.00  
Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Free flowering.

**Feu Joseph Looymans** Each \$0.80, Doz. \$8.00  
Long, pointed buds of brilliant orange-buff, and large, fairly full flowers of vivid yellow and bright apricot; fragrant and freely produced.

**Golden Dawn** Each \$0.80, Doz. \$8.00  
The ideal yellow garden Rose. The ovoid, lemon-yellow bud, heavily splashed with crimson, develops into a well formed, sweetly scented, large, double sunflower-yellow flower that reminds of the old favorite Marechal Niel. Vigorous, free flowering.

**Gruss an Teplitz** Each \$0.75, Doz. \$7.50  
This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant; a free, strong grower and in bloom all the time.

**Hinrich Gaede** Each \$1.00, Doz. \$10.00  
Long pointed shapely bud of Nasturtium-red color, large, double, high centered flowers of ideal shape of a color unusual and unlike any Rose in commerce—a rich luminous vermilion shaded golden yellow such as is found in high-colored modern Zinnias. Rich, fruity fragrance. A free and continuous bloomer.

**Hilda** Each \$0.75, Doz. \$7.50  
Ovoid buds, opening to large, double flowers with overlapping petals, salmon-pink on the inner surface and deep orange-carmine on the outside. 60 petals.

**Imperial Potentate** Each \$0.75, Doz. \$7.50  
Dark, shining rose-pink, shaded lighter on reverse of petals; fragrant. Erect, branching plant with very good foliage. Blooms with remarkable freedom.

**Independence Day** Each \$0.75, Doz. \$7.50  
Flaming yellow buds, heavily shaded with copper and brown, opening quickly to moderately large flowers of 15 to 20 petals which rapidly fade to light orange-pink.

**Innocence** Each \$0.80, Doz. \$8.00  
Tapering buds, opening to enormous pure white blooms with a center of wine-red stamens tipped with golden anthers. 12 petals.

**Joanna Hill** Each \$0.80, Doz. \$8.00  
Invaluable for the garden. The buds are large, long pointed and open to large, full, semi-double, attractive, long lasting, moderately fragrant flowers of a clear yellow with orange-yellow heart. They are borne singly on long strong stems; growth vigorous, upright, a profuse bloomer.

**Jonkheer J. L. Mock** Each \$0.75, Doz. \$7.50  
The flowers, which are produced with the greatest freedom on long, stiff stems, are of large size and of perfect form, of a deep imperial pink, the outside of the petals silvery rose-white.

**Kaiserin Augusta Victoria** Each \$0.75, Doz. \$7.50  
Soft pearly white, tinted with just enough lemon in the center to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower.

**Killarney Queen** Each \$0.75, Doz. \$7.50  
Another Killarney, closer to the original in color but fuller, and stronger in growth. Very free flowering. It is practically immune to mildew, with large flowers and thick petals.

**Killarney White** Each \$0.75, Doz. \$7.50  
A duplicate of the charming pink Killarney; flowers white as snow.

**Lady Alice Stanley** Each \$0.75, Doz. \$7.50  
A gem that everyone admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance are fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes.

**Lady Ashtown** Each \$0.75, Doz. \$7.50  
A very free-flowering variety, producing fine blooms throughout the season. Flowers large and of a delicate soft rose color, shading to yellow at base.

**Lady Forteviot** Each \$0.80, Doz. \$8.00  
Long stems each bearing several large, double, high centered, lasting blooms of a beautiful golden yellow changing to deep apricot, and flushed with cardinal-red. Extremely fragrant, free growing, and floriferous.





**Lady Hillingdon** Each \$0.75, Doz. \$7.50  
A beautiful coppery shade of apricot-yellow, beautiful in bud; a strong, vigorous grower; free flowering.

**Lady Margaret Stewart** Each \$0.75, Doz. \$7.50  
It is of perfect form, with a high-pointed center, golden yellow shaded and streaked with orange and red. Especially handsome foliage.

**Lady Ursula** Each \$0.75, Doz. \$7.50  
Well shaped buds and blooms of good substance in varying shades of light pink, merging to a yellow base; slightly fragrant. Plant of tremendous growth.

**Los Angeles** Each \$0.75, Doz. \$7.50  
Very vigorous, and produces a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals.

**Lucie Marie** Each \$0.75, Doz. \$7.50  
Very long pointed buds, deep yellow splashed rosy red. As the outer petals unfold, the inner face is yellow with coppery venation with the petals lightly tipped with pink, slightly fragrant. It is of strong, vigorous, healthy habit of growth with dark leathery foliage.

**Madame Butterfly** Each \$0.75, Doz. \$7.50  
A symphony of white, bright pink, apricot and gold. Compared with Ophelia, this derivation is fuller-petalled, more prolific and of greater color appeal. The buds are a rich Indian red, yellow at base.

**Margaret McGredy** Each \$0.80, Doz. \$8.00  
Large, ovoid buds and double, cupped flowers of solid orange-vermilion. Very prolific. This extraordinary Rose has been widely discussed and tested in this country and found good.

**McGredy's Scarlet** Each \$0.80, Doz. \$8.00  
The fragrant, full double flowers are of a good size. They are brilliant scarlet, orange-yellow at base of petals, the upper portions being lightly touched with crimson, varying some in color under changing weather conditions but always beautiful.

**Mevrouw G. A. Van Rossem** Each \$0.75, Doz. \$7.50  
A most striking blending of dark vivid orange and apricot on a golden yellow ground, frequently with touches of bronze on the reverse of the petals. The sweet-scented flowers are very large, of perfect form both in bud as well as in the fully developed flower.

**Miss Lolita Armour** Each \$0.75, Doz. \$7.50  
The flowers are of great substance and delightfully fragrant. As the flowers expand they develop to a deep coral-red, with a golden, coppery red suffusion, the base of the petals a rich golden yellow with coppery red sheen. A strong, vigorous grower.

**Miss Rowena Thom** Each \$0.80, Doz. \$8.00  
Enormous buds and blooms of fiery rose and mauve, shaded with old gold at the center, borne on long, strong stems. A profuse, continuous bloomer and a very vigorous plant.

**Mme. Edouard Herriot** Each \$0.75, Doz. \$7.50  
The Daily Mail Rose. In color its buds are coral-red, shaded with yellow at the base; the open flowers of medium size, semi-double, of a superb coral-red, shaded with yellow and bright rosy scarlet passing to shrimp-red.

**Mme. Jules Bouche** Each \$0.75, Doz. \$7.50  
While not a pure white, it is to all intents white and without question the best white everblooming bedding Rose yet introduced. The flowers are large, quite double and of splendid form. It is fragrant, a vigorous grower and very free flowering.

**Mme. Leon Pain** Each \$0.80, Doz. \$8.00  
Splendid salmon buds and pink blooms of great size, tinted heavily with silvery flesh and orange at the center. Plant is vigorous, free flowering, and almost immune to disease.

**Mme. Nicolas Aussel** Each \$0.80, Doz. \$8.00  
Was voted an award of a Gold Medal as "The Most Beautiful Rose in France" in a French contest held Sept. 15, 1931. An outstanding introduction of the late Mr. Pernet-Ducher. A bright coppery red in the very long, shapely, tapering bud that develops into a large, fragrant, full double flower of an exquisite opalescent salmon-pink. Vigorous and healthy, free and floriferous.

**Mrs. Charles Bell** Each \$0.75, Doz. \$7.50  
Lovely shell-pink buds and blooms of fine, globular form, with shadings of soft salmon; sweetly perfumed.

**Mrs. Erskine Pembroke Thom** Each \$0.75, Doz. \$7.50  
Slender yellow buds and large, well shaped blooms of bright canary-yellow, deepest in center. Blooms very freely.

**Mrs. Henry Bowles** Each \$0.80, Doz. \$8.00  
Ovoid buds and globular flowers of clear, piercing pink with lighter shades. A fine, firm center, well held, and fragrant. Vigorous and free flowering.

**Mrs. Henry Morse** Each \$0.75, Doz. \$7.50  
A bright flower of two contrasting tones of pink, with an underlying yellow glow; double, high centered; large, moderately fragrant.

**Mrs. Lovell Swisher** Each \$0.75, Doz. \$7.50  
Large, beautifully pointed buds and gorgeous flowers of salmon-pink and gold, passing to flesh-pink at the edges. Very impressive.

**Mrs. Pierre S. du Pont** Each \$0.80, Doz. \$8.00  
Medium sized long-pointed bud of a reddish gold opening to a semi-double, cupped, very lasting fragrant flower of a deep golden yellow. The plant is of strong, vigorous, compact growth. A profuse and continuous bloomer.

**Mrs. Sam McGredy** Each \$0.75, Doz. \$7.50  
Scarlet coppery orange, heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and almost dazzling effect. The flowers are of large size and beautiful form. They are very freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit.

**Olympiad** Each \$0.80, Doz. \$8.00  
This is a brilliant new red Rose. The color of Olympiad is unique, a lustrous, dark oriental scarlet, its depth of color accentuated by the golden base and intensified by a rich velvety sheen. The bud is long and pointed and the flowers magnificent in every stage of development.

**Ophelia** Each \$0.75, Doz. \$7.50  
A Rose that is admired by everyone; its flowers are held erect on long stiff stems, are of perfect form, good size and of a most pleasing, delicate tint of salmon-flesh, shaded with rose; very floriferous.

**President Herbert Hoover** Each \$0.75, Doz. \$7.50  
Large flowers of a very charming combination of cerise-pink, flame, scarlet, and yellow, with broad, thick petals; very fragrant. The clean, handsome foliage is an added attraction. The brilliancy of the color is somewhat dimmed by hot weather, but the cool autumn nights develop tones and tints of almost unbelievable richness. A great improvement over Talisman.

**Radiance** Each \$0.75, Doz. \$7.50  
An ideal bedding Rose that continues to produce its large flowers throughout the most unfavorable hot weather when frequently many other varieties fail. A brilliant carmine-pink, with salmon-pink and yellow shadings at base of the petals.

**Red Radiance** Each \$0.75, Doz. \$7.50  
A counterpart of Radiance from which it is a "sport", possessing all the good traits of that valuable variety but differing in color, which is a bright cerise-red.

**Rev. F. Page-Roberts** Each \$0.80, Doz. \$8.00  
Copper-red buds of great length, opening to golden yellow blooms stained outside with red, fully double and very large; fragrant.

**Schwabenland** Each \$0.75, Doz. \$7.50  
There are many pink Roses but none just like this variety either in color or in the splendid formation of its blooms. The flowers are large; over 5 inches in diameter, with high spiral center, the petals having a peculiar twist or curl. In color it is a luminous rich rose-pink, retaining its brightness until the petals drop. A strong, healthy grower; free flowering.

**Sensation** Each \$0.75, Doz. \$7.50  
Scarlet-crimson blooms of fine deep form; double, 30 to 35 petals of great size and substance; very sweetly scented. Plant is strong and active in sending up new blooming shoots. However, Etoile de Hollande is great improvement over this fine Rose.

**\*Soeur Therese (Sister Therese)** Each \$1.00, Doz. \$10.00  
Yellow. Long-pointed buds are chrome-yellow, heavily marked with carmine; the open flower is rich daffodil-yellow and holds its color well. Sweet-brier fragrance. The blooms come freely on splendid cutting stems. You can always recognize this Rose from its habit of forming sturdy 3-foot, upright canes which are topped by a "lighted" candelabra of 5 or more burning yellow blooms. Surely one of the best of the newer Roses. 20 to 35 petals. Silver-Gilt Medal, Valenciennes, 1930; Certificate, Contest for Most Beautiful Rose of France, Lyon, 1932; Silver Medal, Portland, 1932.

**Souvenir de Georges Pernet** Each \$0.80, Doz. \$8.00  
Brick-red buds, opening to orange-pink blooms of immense size, very double, and deliciously fragrant. An unusually beautiful Rose.

**Syracuse** Each \$0.80, Doz. \$8.00  
Flower large, full, scarlet-crimson, borne singly on long stem. Growth vigorous, upright. 106 petals.

**Talisman** Each \$0.75, Doz. \$7.50  
Brilliant red and gold buds, opening to well shaped blooms of scarlet-orange and rich yellow. Constantly in bloom; the most vivid color yet produced in Roses.

**Ville de Paris** Each \$0.80, Doz. \$8.00  
Round buds of clear yellow and big, globular flowers of the same hue, untouched by any other color. This is one of the really distinct breaks in the new yellow Roses.

**Vaterland** Each \$0.75, Doz. \$7.50  
The most distinct dark colored variety yet introduced. A rich deep velvety scarlet and a splendidly formed high centered flower of remarkable keeping qualities. The plant is of vigorous habit with healthy foliage and free flowering; unquestionably the best of this type.

**Wilhelm Kordes** Each \$0.75, Doz. \$7.50  
Long, pointed buds opening to full double flowers, a rich capucine red overlaying a golden ground; wonderfully prolific.

**Willowmere** Each \$0.75, Doz. \$7.50  
Superb buds and blooms of richest pink, shining with a yellow glow which seems to come from the heart of the flower.



## PATENTED ROSES

The Roses offered under this heading have been patented by the originators. This prevents us from growing these Roses in our own nursery under our supervision.

While we will exercise the best of care in the shipping and handling of these plants, we will not assume any further responsibility than to see that good plants carefully packed are sent to you.

All claims and descriptions given are those made by the originators for which we must not be held responsible, nor do we undertake to make replacements if the plants do not grow.

**Countess Vandai** Each \$1.00, Doz. \$10.00  
Long pointed, orange-copper buds. The flowers are large, double, high centered, and have a rich fragrance. Their color is brilliant pink lightened with salmon. The blooms are borne on long stems.

**Crimson Glory** Each \$1.50, Doz. \$15.00  
U. S. Plant Patent No. 105. The plants branch freely producing a well-spread yet compact bush of good symmetry. Following the large, urn-shaped buds are the well-formed flowers of an intense deep vivid crimson shaded oxblood-red and mellowed by a soft velvet nap.

**Feu Pernet-Ducher** Each \$1.50, Doz. \$15.00  
U. S. Plant Patent No. 103. An exceptional Rose with creamy orange buds heavily marked with carmine, slowly opening into very deep yellow blooms with lighter edges which are flushed with pink. A most lovely Rose with a rich fruity fragrance. Of tall, bushy growth and exceptionally free flowering.

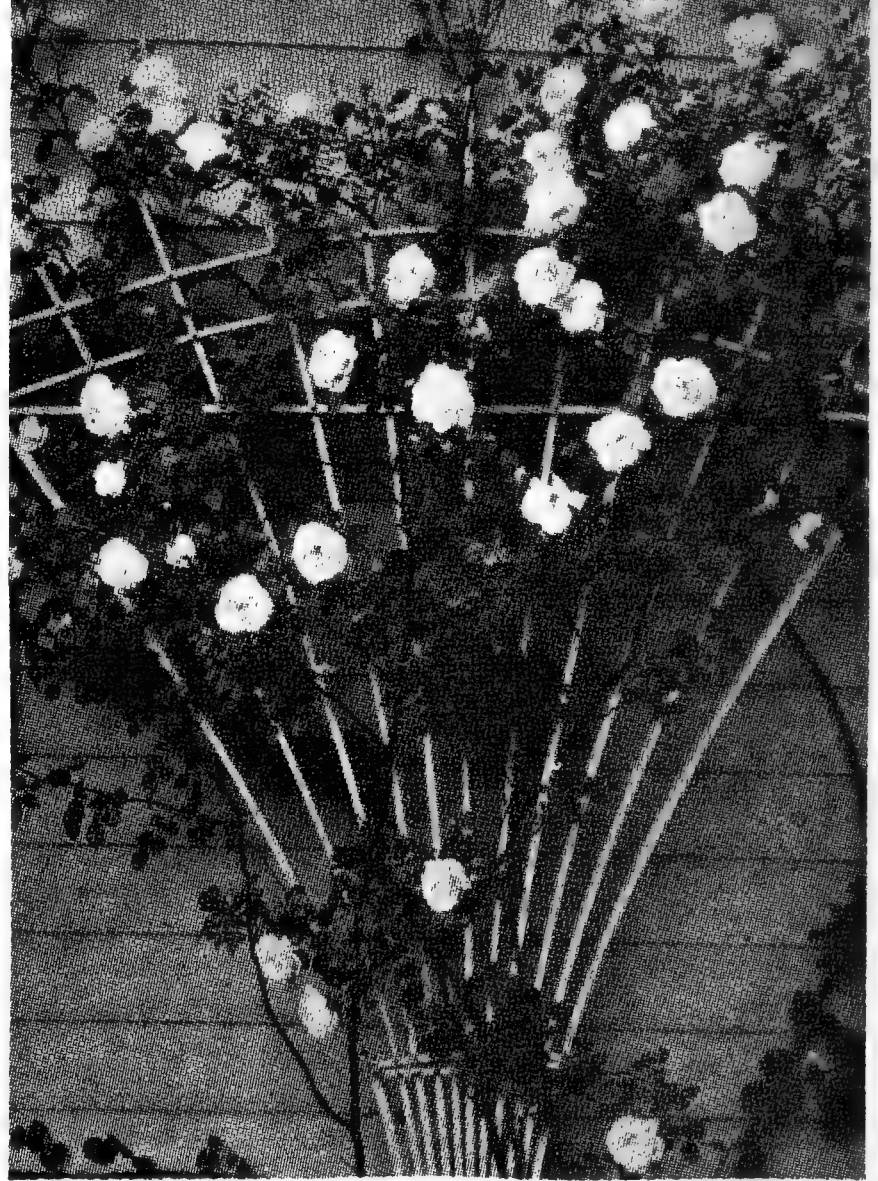
**Glowing Sunset** Each \$1.50, Doz. \$15.00  
U. S. Plant Patent No. 104. The long pointed buds open to full double flowers of most artistic form with the inner petals lengthened and twisted in the bizarre manner of a choice Cactus Dahlia. The color is an indescribable combination of orange-yellow and rose-pink presenting a unique and extremely pleasing color effect. They have an alluring fragrance that will endear them to everybody.

**Mrs. J. D. Eisele** Each \$1.50, Doz. \$15.00  
A perfect Rose in form, delightfully perfumed, exceptional keeping qualities. Good grower and free bloomer. The color is a rich cherry-rose overlaid with scarlet glow, faint silver edging on petals.

**Nigrette** Each \$2.00, Doz. \$20.00  
(The Black Rose of Sangerhausen). U. S. Plant Patent No. 87. When first shown in the famous Rose garden of Sangerhausen, Germany, newspapers throughout the world pronounced it as the first black Rose. The first flowers in June, and during the hot summer months are of a bright crimson. In the cool fall months the buds are black, opening to deep maroon resembling black velvet. The flowers are of medium size, produced freely and are slightly fragrant. As a novelty the Rose will prove very interesting.

**Rosa Rouletti** Three \$1.40, Doz. \$4.00, 100 \$30.00  
Miniature Rose. Probably one of the old Lawrenceana Roses popular a century or more ago. After being lost to cultivation for many years, a plant was found growing in an Alpine window-garden by M. Correvon, the Swiss rock garden authority just a few years ago. It is rapidly attaining popularity as a rock garden "gem" and as an edging plant in front of Rose beds. The plant grows about 6 inches tall in bushy form, is healthy and hardy and blooms from early summer until frost. The tiny, rose-pink, quite double flowers are less than an inch in diameter. A real treasure.

Rouletti



New Dawn

## CLIMBING ROSES

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood, and the shortening of the laterals and long canes to make the growth conform to the space to be covered; but a severe pruning in July, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

We offer on this and the next page a selection of twelve of the most modern Hardy Climbing and Rambler Roses.

**American Pillar** Each \$0.70, Doz. \$7.00  
A single-flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink, with a clear white eye and clusters of yellow stamens, and are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten.

**Bess Lovett** Each \$0.70, Doz. \$7.00  
Large, fairly full flowers of light crimson-red, cup-shaped, and borne in long-stemmed clusters suitable for cutting; sweetly fragrant. Plant very strong, exceedingly free flowering, with fine, glossy foliage almost immune to disease.

**Chaplin's Pink Climber** Each \$0.80, Doz. \$8.00  
It is a cross between Paul's Scarlet and American Pillar, and like its parents is of vigorous growth, perfectly hardy, producing its large flowers, similar in size and form to Paul's Scarlet, profusely in strong trusses of from 8 to 12 flowers each, but in color a rich lively pink.

**Climbing American Beauty** Each \$0.70, Doz. \$7.00  
A strong, healthy vigorous grower, frequently making shoots from 10 to 12 feet long, and good sized flowers for a climbing Rose that blooms so freely. Color a pleasing rose-pink; of splendid form, good substance.

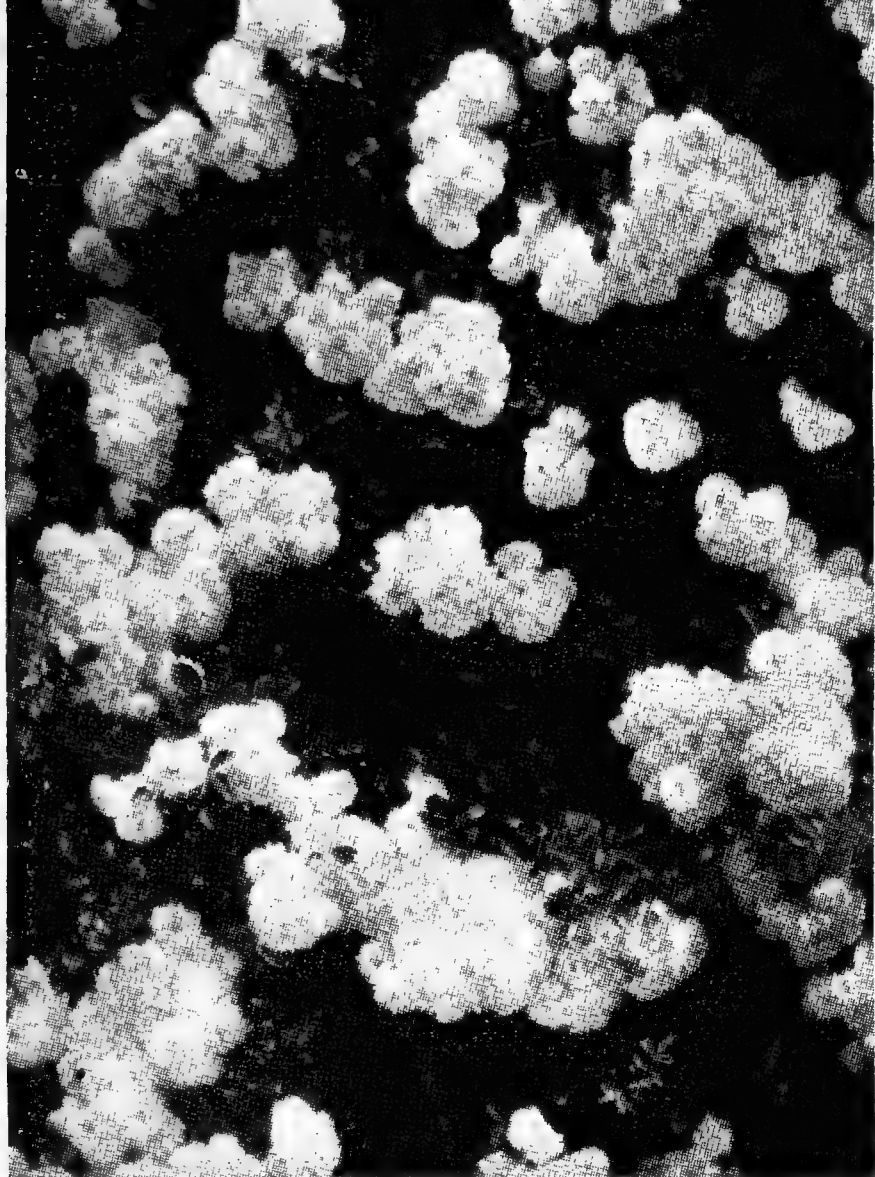
**Dorothy Perkins** Each \$0.70, Doz. \$7.00  
Soft shell-pink; flowering profusely in large clusters. Very fragrant and lasting. A grand Rose in every way.

**Dr. W. Van Fleet** Each \$0.70, Doz. \$7.00  
A Rose which, on account of its dainty color and exquisitely shaped buds and flowers, appeals to everyone. The long, pointed buds are of a rich flesh-pink on stems 12 to 18 inches long. Splendid for cutting.

**Flower of Fairfield** Each \$0.70, Doz. \$7.00  
Also called the "Everblooming Crimson Rambler." Combines the beauty of the well known Crimson Rambler with the continuous-blooming habit, the new growth bearing large clusters of crimson blooms through the summer continuously.

**Jacotte** Each \$0.80, Doz. \$8.00  
Destined to find a place among the most popular when its merits and distinct coloring become better known. A deep orange yellow, tinted coppery red. Good sized, semi-double, very lasting flowers with moderate fragrance. Borne several together on a long stem. Blooms in May and June.





Dorothy Perkins

**Mary Wallace** Each \$0.70, Doz. \$7.00  
A Pillar Rose, making a fine, strong, self-supporting plant 6 to 8 feet high, with large, glossy foliage, blooming with great freedom in spring and bearing a large number of fine buds in summer and fall. Flowers very large, generally exceeding 4 inches across; well formed, semi-double, of a bright, clear rose-pink with salmon base.

**Mme Gregoire Staechelin** Each \$0.80, Doz. \$8.00  
The plant is of strong climbing habit, growing 12 feet or more high and has large disease resistant foliage. At the tips, the long pointed buds are crimson at first as the petals divide, then the firm outer petals show splashes of carmine as the flower opens with an iridescent pearl-pink inside. Very fragrant.

**Paul's Scarlet Climber** Each \$0.70, Doz. \$7.00  
Flowers are semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes. It is of strong climbing habit and perfectly hardy. One of the most popular climbing Roses.

**Silver Moon** Each \$0.70, Doz. \$7.00  
Beautiful semi-double flowers, 4½ inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the center adds to its attractiveness.

**Star of Persia** Each \$0.70, Doz. \$7.00  
Semi-double, bright yellow, and about 3 inches across. It makes a striking low climber or pillar Rose from 8 to 10 feet high, bursting into showers of sparkling bloom in June. It does not fade and the flowers last several weeks.

**White Dorothy Perkins** Each \$0.70, Doz. \$7.00  
A pure white climber, identical with Dorothy Perkins except the color. Without doubt the best white climber.

## PATENTED CLIMBING ROSES

**Blaze** Each \$1.50, Doz. \$15.00  
Hardy everblooming Climbing Rose which inherits the blazing color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both its parents. It is a very vigorous climbing variety which will grow to considerable height.

**Easlea's Golden Rambler** Each \$2.00, Doz. \$20.00  
U. S. Plant Patent No. 114. A new outstanding Climbing Rose from England, producing its comparatively large, double rich golden flowers in large trusses. An additional quality is a delicious fragrance. Gold Medal, Royal Horticultural Society, July 1932. Awarded the Cory cup as the best new seedling climber or rambler Rose of British origin introduced in 1932.

**Doubloons** Each \$1.50, Doz. \$15.00  
Set. H. (M. H. Horvath 1934). Patent applied for. A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is literally covered with clusters of large golden blooms. Buds ovoid, deep saffron-yellow, flower large, double cupped; rich gold, fading but little, fragrant. Gives two liberal crops six weeks apart if the first spring blooms have not been cut. We consider this the best hardy yellow climber.

**New Dawn** Each \$1.50, Doz. \$15.00  
(Everblooming Dr. W. Van Fleet.) Identical in every way with its parent in size and formation of its flowers, color, etc., but blooms continuously throughout the summer and fall.

## POLYANTHA ROSES

A type of Roses which is deservedly very popular for bedding purposes. They form shapely, compact, bushy specimens, most of them growing about 8 inches high, producing in great profusion from early in the season, without stopping, until severe frost, trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

**Cecile Brunner** Each \$0.90, Doz. \$9.00  
Small, exquisitely formed buds and flowers of light pink with yellow base in diffuse, graceful clusters. Perfectly formed miniature Roses of utmost grace and delicacy. Also called "Sweetheart Rose" and "Mignon Rose."

**Chatillon Rose** Each \$0.75, Doz. \$7.50  
Bright pink semi-double blooms with an illuminating touch of orange. The color lasts well. The trusses are of gigantic size, and the plant is both healthy and hardy.

**Eblouissant** Each \$0.75, Doz. \$7.50  
Glowing, dark red flowers of medium size, shaded heavily with velvety crimson. Large, compact trusses, borne on dwarf but robust plants, which bloom constantly.

**Gloria Mundi; Improved Golden Salmon** Each \$0.75, Doz. \$7.50  
Bright orange-salmon flowers in huge clusters. Growth is vigorous and bushy. Splendid when planted in masses.

**Lafayette** Each \$0.75, Doz. \$7.50  
Large, semi-double flowers of striking light crimson; open, frilled form. Blooms very liberally in loose clusters.

**Princess Juliana** Each \$0.75, Doz. \$7.50  
A dainty, sweet combination of maidenblush and peach and ivory. The florets are prettily waved, and strung along the branched sprays.

## HYBRID PERPETUAL ROSES

The varieties listed below are unquestionably the best that can be selected in the Hybrid Perpetual class, which, before the development of the Hybrid Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid Tea varieties has not been established.

**Frau Karl Druschki** Each \$0.75, Doz. \$7.50  
This is the ideal hardy white Rose; pure in color, perfect in form, strong grower and remarkably free flowering; superb in every way.

**George Arends or Pink Frau Karl Druschki** Each \$0.75, Doz. \$7.50  
This is a pink form of the popular white Frau Karl Druschki, possessing not only the exquisite form, large size, and remarkable free-flowering habits of its parent, but in addition to this, it is also highly perfumed.

**Mme. Albert Barbier** Each \$0.75, Doz. \$7.50  
Full, cupped flower of soft fawn-yellow, paling to white, with pinkish shades in the center, blooming throughout the season. A remarkable color for a Hybrid Perpetual, a class in which yellow tints are rare. This Rose has showed up unusually well in color, shape of flower and its habit of constant blooming.

**Mrs. John Laing** Each \$0.75, Doz. \$7.50  
Soft pink, of beautiful form; exceedingly fragrant and remarkably free flowering; always does well and stands very close to the top among Roses.

**Paul Neyron** Each \$0.75, Doz. \$7.50  
Dark red of enormous size; perhaps the largest of all.

**Ulrich Brunner** Each \$0.75, Doz. \$7.50  
Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well.

## Mixed Polyantha Roses





# Hardy Plant and Alpine Plant Seeds

*Fresh Seeds for August and September Sowing*

*Gathered at Wayside Gardens*

Several years of experience and the observing of results have proven to us beyond a doubt that seeds of Hardy Plants and Rock Plants produced under the more favorable American climatic conditions germinate better and are superior in every way over imported seeds. This fact has been so forcefully brought home to us that wherever possible we harvest our own seeds at Wayside Gardens for the propagation of our stocks. The great variety of plants grown by us (we can say without boasting that our collection of plants is the greatest ever brought together in one nursery in America) makes it possible for us to also offer a most complete collection of all American grown seeds of Hardy Plants and Rock Plants.

Several more varieties could be added to the list presented here, but we have omitted them because they are too difficult to handle for the amateur. The selection offered should give no great trouble to anyone who will be careful, but we cannot and do not give any guarantee as to results, knowing only too well that it requires more time, patience and care to raise hardy plants and rock plants from seeds than a great many people are willing to give. If, however, it is proven that failure is due to the seeds, we will replace them with others, without charge.

Many seeds offered are not only rare but scarce, therefore, send your order early.

	Per Pkt.
ACHILLEA eupatorium .....	\$0.30
ACONITUM napellus .....	.25
AETHIONEMA grandiflorum .....	.50
AGROSTEMMA coronaria .....	.15
ALLIUM thibetica .....	.30
ALYSSUM argenteum .....	.25
Rostratum .....	.30
Saxatile compactum .....	.25
Serpillifolium .....	.30
Spinulosum roseum .....	.35
AMSONIA tabernaemontana .....	.30
ANCHUSA Dropmore .....	.35
ANEMONE pulsatilla .....	.25
Pulsatilla rubra .....	.30
Pulsatilla alba .....	.40
Sylvestris .....	.30
ANTHEMIS tinctoria .....	.20
AQUILEGIA canadensis .....	.25
Chrysantha .....	.25
Chrysantha alba .....	.25
Coerulea .....	.25
Dobbie's Imperial Hybrids .....	.50
Flabellata nana alba .....	.35
Scott Elliott Hybrids .....	.30
Wayside Pink .....	.30
ARABIS alpina .....	.25
ARENARIA grandiflora .....	.35
Montana .....	.30
Verna .....	.35
ARMERIA, Mixed .....	.30
ASCLEPIAS tuberosa .....	.30
ASPERULA odorata .....	.40
ASPHODELUS luteus .....	.35
ASTER alpinus albus .....	.25
Alpinus rubra .....	.35
Alpinus, Goliath .....	.35
Diplostiphoides .....	.50
Farreri, Big Bear .....	.40
AUBRIETIA Eyri .....	.25
BAPTISIA australis .....	.25
BELLIS, Snowball .....	.25
Longfellow .....	.25
BELLIUM bellidioeides .....	.35
BOCCONIA cordata .....	.25
BOLTONIA latisquama .....	.25
BUPHTHALMUM salicifolium .....	.35
CALAMINTHA alpina .....	.25
CALLIRHOE involucrata .....	.30
CAMPANULA alliariaefolia .....	.30
Bononiensis .....	.30
Calycanthema, Pink .....	.20
Calycanthema, White .....	.20
Calycanthema, Blue .....	.20
Carpatica .....	.20
Carpatica alba .....	.20
Cullinmore .....	.40
Elegans .....	.30
Glomerata var. dahurica .....	.40
Lactiflora alba .....	.40
Lactiflora coerulea .....	.40

	Per Pkt.
CAMPANULA—	
Garganica .....	\$0.50
Latifolia macrantha .....	.35
Latifolia macrantha alba .....	.35
Medium Pink .....	.20
Medium White .....	.20
Medium Blue .....	.20
Muralis .....	.50
Persicifolia alba .....	.25
Persicifolia coerulea .....	.25
Pseudo-Rainieri .....	.35
Pyramidalis, Blue .....	.20
Pyramidalis, White .....	.20
Rotundifolia .....	.25
Sarmatica .....	.30
Telham Beauty .....	.40
Trachelium .....	.35
CARNATIONS, Double White .....	.25
Double Red .....	.25
Pink Shades .....	.25
Yellow Shades .....	.30
Finest Mixed .....	.30
CATANANCHE coerulea .....	.30
CASSIA marilandica .....	.30
CENTAUREA macrocephala .....	.25
Montana .....	.25
Montana alba .....	.25
CEPHALARIA tatarica .....	.25
CERASTIUM tomentosum .....	.25
CHEIRANTHUS Allioni .....	.20
CHRYSANTHEMUM maximum,	
Alaska .....	.20
Mrs. C. Lowthian Bell .....	.25
CLEMATIS Davidiana .....	.40
Integrifolia coerulea .....	.40
Montana perfecta .....	.40
Montana rubens .....	.50
Paniculata .....	.35
Recta .....	.40
COREOPSIS grandiflora .....	.15
CORYDALIS cheilanthifolia .....	.40
CORONILLA varia .....	.30
CRUCIANELLA stylosa .....	.25
DELPHINIUM Belladonna .....	.25
Bellamosa .....	.25
Blackmore & Langdon .....	.35
Chinense .....	.25
Chinense album .....	.25
Gold Medal Hybrids .....	.25
Wayside Gardens Hybrids .....	.40
NAMED HYBRID ENGLISH DELPHINIUM	
Empress Queen .....	.40
F. Koppius .....	.40
Ivorine .....	.40
Kaleidoscope .....	.40
Lady MacBeth .....	.40
Prince Henry .....	.40
Rynlandia .....	.40
Smoke of War .....	.40
The Shah .....	.40
Violet Queen .....	.40
DIANTHUS Heddegi, Mixed .....	.15
Barbatus atrococcineus fl. pl. .....	.25
Sutton's Fairy .....	.25
Sutton's Giant White .....	.20
Sutton's Pink Beauty .....	.20

	Per Pkt.
DIANTHUS Heddegi—	
Sutton's Rich Crimson .....	\$0.25
Sutton's Scarlet .....	.25
Sutton's Mixed Shades .....	.20
DIANTHUS PLUMARIUS, Highland Hybrids	
Mixed .....	.30
DIANTHUS plumarius semperflorens fl. pl. ...	.25
DIANTHUS SPECIES, Alpinus Allwoodi ....	.40
Arenarius .....	.35
Caesius grandiflorus .....	.35
Cruentus .....	.30
Deltoides .....	.25
Deltoides albus .....	.25
Deltoides, Brilliant .....	.25
Knappi .....	.40
Neglectus var. Roysi .....	.35
Speciosus .....	.35
DICTAMNUS FRAXINELLA	
Rubra caucasicus .....	.25
DICENTRA eximia .....	.30
DIGITALIS, Giant Shirley .....	.25
Ambigua .....	.20
Gloxiniaceflora .....	.15
Gloxiniaceflora alba .....	.15
Gloxiniaceflora rosea .....	.15
Isabellina .....	.25
Laevigata .....	.25
DRACOCEPHALUM japonicum .....	.30
ECHINOPS ritro .....	.20
EDRAIANTHUS dalmaticus .....	.30
ERIGERON speciosus .....	.35
ERINUS alpinus roseus .....	.30
Alpinus albus .....	.35
ERYNGIUM amethystinum .....	.35
Giganteum .....	.30
Planum .....	.25
ERYSIMUM pulchellum .....	.15
EUPHORBIA myrsinites .....	.35
Polychroma .....	.40
FEVERFEW, Little Gem .....	.20
Golden Ball .....	.25
GAILLARDIA, English Hybrids .....	.15
Giant Portola Hybrids .....	.20
GENTIANA Purdomi .....	.40
Cruciata .....	.40
Septemfida .....	.40
GERANIUM pratense .....	.25
GEUM, Mrs. Bradshaw .....	.25
Lady Stratheden .....	.35
GLOBULARIA trichosantha .....	.30
GYPSOPHILA paniculata .....	.15
Repens .....	.25
Repens rosea .....	.30
Rokejeka .....	.25
HELENIUM autumnale superbum .....	.30
Autumnale rubrum .....	.25
Mixed Shades .....	.20
HELIANTHEMUM, Mixed .....	.30
HELIOPSIS Pitcheriana .....	.20
HELICHRYSUM bracteatum .....	.35
HELLEBORUS niger .....	.30





## Hardy Plant and Alpine Plant Seeds - Continued

	Per Pkt.
HESPERIS matronalis .....	\$0.20
Matronalis alba .....	.20
HEUCHERA, Perry's White .....	.35
Brizoides .....	.30
Sanguinea .....	.25
Wayside Gardens Hybrids .....	.25
HIBISCUS, Mixed .....	.25
HOLLYHOCKS, Double—Rose, Maroon, New- port Pink, Red, White, Yellow. Each ....	.25
New Allegheny .....	.25
Single mixed .....	.20
HYPERICUM ascyron .....	.30
IBERIS sempervirens .....	.30
INULA hirta .....	.30
Royleana .....	.30
INCARVILLEA Delavayi .....	.30
Grandiflora brevipes .....	.35
IRIS Kaempferi Mixed .....	.30
LATHYRUS, Pink Beauty .....	.25
Red .....	.25
White Pearl .....	.25
LAVANDULA vera .....	.25
LEONTOPODIUM alpinum .....	.30
LIATRIS pycnostachya .....	.30
Scariosa .....	.30
LINARIA cymbalaria .....	.25
Alpina .....	.30
LINUM flavum .....	.30
Narbonnense .....	.35
Perenne .....	.25
Perenne album .....	.25
LILIUM regale .....	.25
Tenuifolium .....	.25
LOBELIA cardinalis .....	.25
LUPINUS, Wayside Gardens Hybrids .....	.25
Polyphyllus .....	.20
Polyphyllus albus .....	.20
Polyphyllus roseus .....	.20
Polyphyllus Moerheimi .....	.25
LYCHNIS alpina .....	.35
Chalcedonica .....	.30
Haageana .....	.25
Viscaria splendens .....	.25
Viscaria splendens alba .....	.25

	Per Pkt.
LYTHRUM superbum roseum .....	\$0.20
MECONOPSIS Baileyi .....	.50
MIMULUS luteus .....	.30
MYOSOTIS palustris semperflorens .....	.25
OENOTHERA Fraseri .....	.25
Missouriensis .....	.25
Speciosa .....	.25
Youngi .....	.25
PAPAVER orientale .....	.20
Beauty of Livermore .....	.25
Mrs. Perry .....	.25
Alpinum .....	.30
Thibetica .....	.35
Nudicaule, Baker's Sunbeam Mixture .....	.25
PENTSTEMON ovatus .....	.25
Pubescens .....	.25
Unilateralis .....	.30
PHYSOSTEGIA virginica .....	.25
Virginica alba .....	.25
PLATYCODON grandiflorum .....	.20
Grandiflorum album .....	.20
Mariesi .....	.25
Mariesi alba .....	.25
POLEMONIUM album .....	.25
Coeruleum .....	.25
POTENTILLA, Mixed Colors .....	.35
Warrensi .....	.40
PRIMULA auricula alpina .....	.25
Bulleyana .....	.30
Cashmeriana .....	.35
Cortusoides .....	.30
Moerheim Hybrids .....	.35
Vulgaris .....	.25
POLYANTHUS, Exhibition Yellow .....	.35
Exhibition Cream .....	.35
Munstead Strain Mixed .....	.30
Veris Hybrids .....	.25
PYRETHRUM, Finest Mixed .....	.25
RUDBECKIA purpurea .....	.25
SALVIA azurea .....	.25
Pratensis .....	.25
Turkestanica .....	.30

	Per Pkt.
SAPONARIA ocymoides alba .....	\$0.25
Ocymoides splendens .....	.25
SAXIFRAGA decipiens .....	.30
Megasea Hybrids .....	.30
SCABIOSA caucasica .....	.25
Japanica .....	.20
Pennsylvanica .....	.30
SIDALCEA, Rosy Gem .....	.25
SILENE alpestris .....	.30
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Dipterocarpum .....	.25
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## Wayside Gardens Pure Grass Seed Mixtures

We offer below Wayside Gardens Mixtures of grass seed, each carefully prepared to best serve its specific purpose. Blended from choicest imported lawn seeds.

### OPEN PLACE LAWN MIXTURE

A general purpose lawn mixture of exceptionally high quality, rating among the three finest grass seed mixtures offered in America. Permanent grasses predominate over temporary grasses in the ratio of four to one, which is considered by experts to be ideal.

When ordering this grass seed, you buy no "cat in a bag." The results are bound to be a great lawn.

Postpaid: 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25.

Express paid: 25 lbs., \$11.25; 100 lbs., \$40.00.

### ATHLETIC FIELD MIXTURE

This mixture contains varieties that will produce a sturdy, wear-resisting turf. The same formula has been used with outstanding success on many of the best athletic fields in the country. It contains no noxious weeds and is practically free of chaff and inert matter content.

Express prepaid: 25 lbs., \$10.00; 100 lbs., \$38.00.

### SHADY PLACE LAWN MIXTURE

Shaded lawns are a problem. Mixtures for such locations should consist of varieties which will grow vigorously with little sunlight and in soils deficient in plant food and moisture. The Wayside Gardens' Shade Mixture is just such a combination of domestic and imported grasses.

Remember the importance of keeping a shaded lawn fed regularly.

Postpaid: 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.75.

Express paid: 25 lbs., \$15.00; 100 lbs., \$55.00.

### GENUINE PURE CREEPING BENT SEED

Anyone desiring a Bent lawn, should use our pure Creeping Bent seed. Not mixed with other kinds of Bent or other varieties of grass.

Postpaid: 1 lb., \$1.65; 5 lbs., \$7.75; 10 lbs., \$15.00.

*p. s.*

Poor seed always costs more than good. Costs more because less of it comes up. Some that do are weeds. Wayside seeds are weed-free. If given half a chance, come up quickly. Make strong, quick growth. Five pounds sow 1000 square feet. One hundred fifty pounds for 1 acre.



# Sutton's English Seeds

*For Late Autumn Sowing and Greenhouse Use*

**ANTIRRHINUM, Snapdragon. Sutton's Tall Varieties.**

	Per Pkt.
10219. Dawn .....	\$0.19
10221. Golden Chamois .....	.32
10224. Buff-Pink .....	.19
10230. Coral-Red .....	.19
10241. Orange King .....	.32
10243. Rich Apricot .....	.32
10244. Fire King .....	.32
10251. Crimson and Gold .....	.19
10270. Maroon King .....	.32
10274. Giant-Flowered Mixed .....	.49

**BEGONIA. Fibrous-Rooted Varieties.**

10821. Lloydii .....	.49
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**Double Varieties, Tuberous-Rooted.**

10811. Sutton's Double Mixed .....	.49
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**Single Varieties, Tuberous-Rooted.**

10771. Sutton's Frilled Mixed .....	.49
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**BERRIES FOR CHRISTMAS DECORATION****ARDISIA.**

10852A. Crenulata .....	.49
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**BROWALLIA.**

10859. Speciosa Major .....	.49
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**CALCEOLARIA. Greenhouse Biennial.**

10873. Sutton's Cloth of Gold .....	.49
10875. Sutton's Cloth of Silver .....	.49
10878. Multiflora Nana .....	.84
10881. Gracilis .....	.84

**CALENDULA, English (or Pot) Marigold.**

10897. Sutton's Orange King .....	.32
10900. Sutton's Art Shades (New) .....	.32
10899. Chrysanthia .....	.32
10896. Radio .....	.32

**CAMPANULA.**

10933. Cecili .....	.49
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**CELSIA.**

11113. Arcturus .....	.49
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**ANNUAL SUMMER CHRYSANTHEMUMS. Sutton's Star Chrysanthemum Varieties. Height 18 inches.**

11165. Morning Star .....	.32
11169. Evening Star .....	.19
11171. Southern Star (Eldorado) .....	.32
11173. Northern Star .....	.32
11163. Sutton's Special Mixture .....	.32

**CINERARIAS. Large-Flowered Varieties. Superb Large-Flowered Single.**

11245. Superb Mixed .....	.84
11233. Royal Blue .....	.84
11237. White .....	.84
11239. Pink Pearl .....	.84
11241. Light Blue .....	.84
11243. Scarlet .....	.84
11253. Sutton's Cactus-Flowered .....	.49

**CINERARIAS—Continued.****Intermediate or Hybrid Varieties.**

	Per Pkt.
11261. Sutton's Special Hybrids .....	\$0.49
11270. Sutton's Blue Shades .....	.84
11264. Sutton's Forget-me-not Blue .....	.84

**Feltham Beauty Star Variety.**

11297. Feltham Beauty Mixed .....	.49
11291. Tall Mixed Star .....	.49

**CLARKIA. Sutton's International Prize (Elegans) Varieties.**

11314. Sutton's Salmon-Scarlet .....	.32
11315. Sutton's Scarlet .....	.32
11317. Sutton's Firefly .....	.32
11318. Sutton's Crimson .....	.32
11321. Sutton's Salmon .....	.32
11323. Sutton's Rose-Pink .....	.32
11324. Sutton's Delicate Pink .....	.19
11327. Sutton's Snowball .....	.19
11329. Purple Prince .....	.19
11331. Sutton's Brilliant Mixture .....	.32

**CLERODENDRON FALLAX.**

11355. Clerodendron Fallax .....	.84
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**COLEUS.**

11371. Sutton's Prize .....	.84
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**COTULA BARBATA.**

11488. Cotula Barbata .....	.32
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**SUTTON'S GOLD MEDAL CYCLAMENS.**

11501. Giant White .....	.84
11503. Giant Shell-Pink .....	.84
11505. Giant Salmon-Pink .....	.84
11497. Giant Salmon-Scarlet .....	.84
11509. Giant Rose Queen .....	.84
11518. Giant Mauve Queen .....	.84
11519. Giant Mixed .....	.84
11522. Unique (New) .....	.84
11536. Silver-Leaved Salmon .....	.84
11525. Fringed Pink Pearl .....	1.15

**CYNOGLOSSUM, Hound's Tongue.**

11550. Sutton's Blue Gem .....	.32
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**DAHLIA. Coltness Hybrids in Separate Colors.**

11566A. Scarlet .....	.49
11566B. Yellow .....	.49
11566C. White .....	.49

**EXACUM AFFINE.**

11788. Exacum Affine .....	.49
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**FRANCOA RAMOSA, Bridal Wreath.**

11797. Francoa Ramosa .....	.49
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**GLOXINIAS.**

11905. Giant Mixed .....	.84
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**GODETIA. Tall Varieties with Flowers in Long Loose Sprays.**

11921. Sutton's Double Cherry-Red .....	.32
11922. Sutton's Double Shell-Pink .....	.32
11933. Sutton's Double Mauve .....	.32
11974. Mixed .....	.19





## Sutton's English Seeds - continued

	Per-Pkt.		Per Pkt.
<b>IPOMEA.</b>		<b>PRIMULA OBCONICA.</b> Greenhouse Perennial.	
11421 <sup>1</sup> . Rubro-coerulea (Heavenly Blue). Sutton's Early Flowering .....	\$0.49	13411. Sutton's Salmon Queen .....	\$0.84
<b>LARKSPUR.</b> Sutton's Stock-Flowered.		13417. Sutton's Delicate Pink .....	.49
12171. Rosy Scarlet .....	.32	13423. Sutton's Blue .....	.49
12174. Old Rose .....	.32	13425. Sutton's Giant White .....	.49
12177. Shell-Pink .....	.32	<b>PRIMULA MALACOIDES.</b> Greenhouse Annual.	
12179. Salmon-Pink .....	.32	13430. Sutton's Giant .....	1.15
12180. Rose-Pink .....	.32	13433. Sutton's Brightness .....	.84
12181. Blue .....	.19	13439. Achievement .....	.49
12184. White .....	.19	13451. Kewensis .....	.49
12187. Pale Mauve .....	.32	13441. Sutton's White Queen .....	.49
12191. Deep Mauve .....	.32	13438. Sutton's Double Parma Violet .....	.84
12194. Special Mixture .....	.32	<b>SCHIZANTHUS.</b> Hybrid Types.	
<b>LEPTOSYNE.</b>		13665. Sutton's Giant Hybrids .....	.49
12255. Stillmani .....	.32	<b>Wisetonensis Types.</b>	
<b>LUPINUS.</b> Annual Lupines.		13646. Sutton's Prize .....	.49
12348. Hartwegi .....	.19	13649. Sutton's Brilliance .....	.49
12350. Hartwegi, White .....	.19	<b>SUTTON'S STOCKS.</b> Winter Flowering Stocks. French—	
12351. Hartwegi, Azure-Blue .....	.19	Giroflees a cultiver en pots. Half-hardy annuals.	
12354. Sutton's Tall Pink .....	.19	13915. Sutton's Christmas Pink .....	.49
12369. Mixed .....	.19	13918. Sutton's Yellow Prince .....	.49
<b>MIGNONETTE.</b>		<b>STREPTOCARPUS.</b>	
12505. Sutton's Pot Mignonette .....	.32	14001. Sutton's Giant Hybrids .....	.49
<b>MYOSOTIS,</b> Forget-Me-Not.		<b>SUTTON'S SWEET PEAS.</b> White.	
12551. Sutton's Royal Blue .....	.32	9115. Sutton's Sextet Queen .....	.49
12552. Sutton's Royal Blue. Dwarf strain .....	.32	<b>Cream.</b>	
12554. Sutton's Pot Myosotis .....	.32	9165. What Joy .....	.32
12577. Ruth Fischer .....	.49	<b>Picotee-Edged.</b>	
<b>SUTTON'S SEMI-DWARF NASTURTIUM.</b>		9185. Pierrot (New) .....	.32
12593. Double Golden Gleam .....	.32	<b>Flushed, Cream Ground.</b>	
12591. Double Gleam Hybrids (New) .....	.32	9210. Sutton's Shell-Pink .....	.32
<b>NEMESIA,</b> Sutton's Hybrid Nemesia.		<b>Pink Shades.</b>	
12727. Aurora .....	.32	9255. Sutton's Nobility (New) .....	.49
12729. Twilight .....	.32	9260. Sutton's Pink Delight .....	.32
12733. Blue Gem .....	.32	<b>Salmon and Orange Shades.</b>	
12735. Fire King .....	.32	9435. Guinea Gold .....	.32
12736. Mixed .....	.32	<b>Cerise and Scarlet Shades.</b>	
<b>SUTTON'S PANSIES.</b>		9500. Sutton's Golden Radiance .....	.49
12813. Sutton's Perfection Mixed .....	.49	9535. Flamingo .....	.32
12811. Sutton's Ullswater .....	.49	<b>Lavender and Mauve Shades.</b>	
12836. Sutton's Crimson Queen .....	.49	9675. Sutton's Sextet Lavender .....	.49
<b>POLYANTHUS</b> (Primula veris elatior hybrids). French—		<b>Blue Shades.</b>	
Primevere des jardins. Hardy Perennial.		9750. Sutton's Ebony (New) .....	.49
13114. Sutton's Blue-Flowered .....	.84	9775. Blue Flame .....	.32
<b>PRIMROSE</b> (Primula vulgaris). French—Primevere a grandes.		<b>Purple.</b>	
13274. Blue-Flowered .....	.84	9900. Sutton's Purple Monarch .....	.32
<b>SUTTON'S GIANT PRIMULAS.</b> Giant Single Varieties.		9905. Bacchus .....	.32
13308. Dazzler (New) .....	.84	<b>TYDAEA.</b>	
13325. Reading Blue .....	.49	14782. Sutton's Dwarf Large-Flowered .....	.84
13285. Giant Royal White .....	.84	<b>TRACHELIUM.</b>	
13289. Giant Pink .....	.84	14776. Mauve .....	.32
13293. Improved Giant Crimson .....	.84	<b>VIOLA,</b> Tufted Pansy. Bedding Varieties.	
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| Catchfly ..... 84, 97    | Garden Heliotrope .. 99  | Lungwort ..... 94         |                          | Woundwort ..... 97      |
| Catmint ..... 85         | Gas Plant ..... 70       | Lychnis ..... 84          |                          | Yucca ..... 101         |
| Celastrus ..... 102      | Gaultheria ..... 73      | Lysimachia ..... 84       |                          |                         |
| Centaurea ..... 64       | Geranium ..... 73        |                           |                          |                         |
| Cephalaria ..... 65      |                          |                           |                          |                         |
| Cerastium ..... 65       |                          |                           |                          |                         |



*Plant*  
**POPPIES**  
*Early in Autumn*

*Dark Red,*  
**Beauty of Livermore**

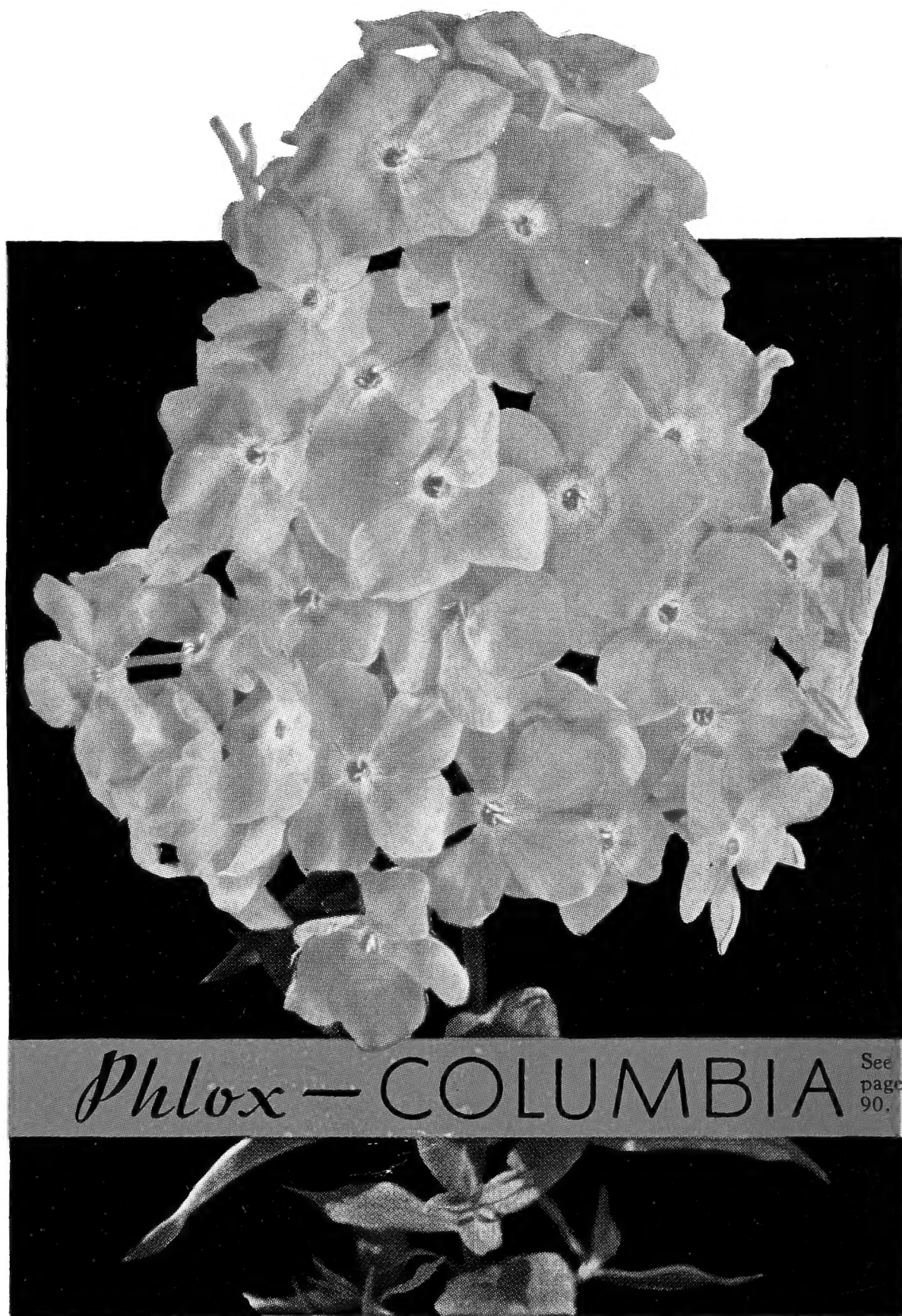
*Pink,*  
**Mrs. Perry**

*White,*  
**Perry's White**

*Red,*  
**Wurtemburgia**

See page 86.





**WAYSIDE**  **GARDENS**  
**Mentor, Ohio**